Page 6

Oil Conservation Division

| Incident ID    | nAB1631951165 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

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### Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following i   | tems must be included in the closure report.  |
|---|---|
| A scaled site and sampling diagram as described in 19.15.29.1   | 1 NMAC  |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)                           | of the liner integrity if applicable (Note: appropriate OCD District office   |
| Laboratory analyses of final sampling (Note: appropriate ODC  | C District office must be notified 2 days prior to final sampling)  |
| Description of remediation activities   |   |
|   |   |
| and regulations all operators are required to report and/or file certai<br>may endanger public health or the environment. The acceptance of | ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete Title: Env. Professional |
| Signature:  | Date: <u>1/5/2023</u>   |
| email: <u>dale.woodall@dvn.com</u>  | Telephone:575-748-1838  |
|   |   |
| OCD Only  |   |
| Received by:  | Date:   |
|   | of liability should their operations have failed to adequately investigate and<br>water, human health, or the environment nor does not relieve the responsible<br>or regulations.                                     |
| Closure Approved by:  | Date:   |
| Printed Name:   | Title:  |
|   |   |

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Oil Conservation Division

|                | Page 2 of 105 |
|----------------|---------------|
| Incident ID    | nAB1631951165 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

| Closure Report Attachment Checklist: Each of the following items must be included in the closure report.  |
|---|
| A scaled site and sampling diagram as described in 19.15.29.11 NMAC   |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)   |
| Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)   |
| Description of remediation activities   |
|   |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules<br>and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which<br>may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability<br>should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water,<br>human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for<br>compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially<br>restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in<br>accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. |
| Printed Name: Dale Woodall Title: Env. Professional   |
| Signature: Dale Woodall Date: 1/5/2023  |
| email: <u>dale.woodall@dvn.com</u> Telephone: <u>575-748-1838</u>   |
|   |
| OCD Only  |
| Received by: <u>Robert Hamlet</u> Date: <u>7/18/2023</u>  |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.   |
| Closure Approved by: <u>Robert Hamlet</u> Date: <u>7/18/2023</u>  |
| Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced  |

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# Devon Energy Production Company Cotton Draw Unit 181 SWD

Closure Report UL H, Section 36, T24S, R31E Eddy County, New Mexico

> NAB1530234949 NAB1626756642 NOY1701331626 NAB1726355760 NRM2003439614 NRM2008733329

### December 19, 2021



**Prepared for:** 

Devon Energy Production Company 6488 Seven Rivers Hwy Artesia, New Mexico 88211

By:

Safety & Environmental Solutions, Inc. 703 East Clinton Street Hobbs, New Mexico 88240

### **Company Contacts**

| Representative | Company      | Telephone    | E-mail                 |
|----------------|--------------|--------------|------------------------|
| Wesley Mathews | Devon Energy | 575-578-6195 | Wesley.Mathews@dvn.com |
| Bob Allen      | SESI         | 575-397-0510 | ballen@sesi-nm.com     |

### Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was engaged by Devon Energy to perform a site assessment at the CDU 181 SWD concerning multiple historic releases of produced water in and outside of containment. This site is situated in Eddy County, Section 36, Township 24S, and Range 31E.

Releases at this location date back to February of 2015 and span to March of 2020. A total of 6 releases are contained in this report, and as they collectively were released on the site, they are addressed in total in this closure document separately.

SESI personnel performed an assessment of the site in July of 2020 based on generator knowledge of the leak locations. SESI personnel mapped the leak areas and performed delineation.

### Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. The New Mexico Office of the State Engineer records indicates the average depth to groundwater for the area to be 315' bgs; however, since no wells less than 25 years old and less than a half mile away are known to be present, SESI will delineate this release to the most stringent criteria established by NMOCD.

### Characterization for NAB1530234949, NAB1626756642, NAB1726355760, NRM2003439614, NRM2008733329

Each of these incident numbers had some amount of release that was outside of containment. Many of them had the potential to impact soil, therefore, due to the historic nature of some of the releases, they were bundled together and approached as one much larger leak area for feasibility. In July of 2020, SESI personnel performed sampling to determine vertical extent of the releases. SESI advanced multiple auger holes within the leak area. The samples were properly packaged and preserved and sent to Hall Laboratories for analysis. The results of the testing are captured in the summary below:

| Devon Energy<br>CDU 181 SWD |          |          |            |      |             |             |               |               |  |  |
|-----------------------------|----------|----------|------------|------|-------------|-------------|---------------|---------------|--|--|
|                             | Soi      | l Sample | Results: H |      | nmental Lab | oratories 7 | /23/20        |               |  |  |
| SAMPLE ID                   | Chloride | GRO      | DRO        | MRO  | Benzene     | Toluene     | Ethyl benzene | Total Xylenes |  |  |
| AH-1 H NORTH                | 200      | ND       | ND         | 85   | ND          | ND          | ND            | ND            |  |  |
| AH-2 SURFACE                | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-3 H WEST                 | 340      | ND       | 2600       | 2500 | ND          | ND          | ND            | ND            |  |  |
| AH-4 SURFACE                | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-5 SURFACE                | 68       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-6 H SOUTH                | 67       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-7 SURFACE                | 310      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-8 H SOUTH                | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-9 SURFACE                | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-10 H SE                  | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-11 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-12 SURFACE               | 230      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-13 SURFACE               | 120      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-14 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-15 SURFACE               | 67       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-16 SURFACE               | 200      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-17 SURFACE               | 200      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-18 H EAST                | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-19 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-22 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-21 SURFACE               | 81       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-24 SURFACE               | 430      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-24 @ 1'                  | 79       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-23 H EAST                | 180      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-25 H NE                  | 220      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-26 SURFACE               | 220      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-27 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-28 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-29 H NORTH               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-30 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-31 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-32 SURFACE               | 290      | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
| AH-33 SURFACE               | ND       | ND       | ND         | ND   | ND          | ND          | ND            | ND            |  |  |
|                             | 1        | 1        | 1          | 1    | 1           | 1           | 1             |               |  |  |

Further investigation was needed at the AH-1 H North sample point and the AH-3 H West sample point. Auger was advanced to 1' and resampled, the results are presented below.

| Devon Energy   |  |    |    |    |    |    |    |    |              |  |  |
|--|--|----|----|----|----|----|----|----|--------------|--|--|
| CDU 181 SWD  |  |    |    |    |    |    |    |    |              |  |  |
| Soil Sample Results: Hall Environmental Laboratories 9/15/20 |  |    |    |    |    |    |    |    |              |  |  |
| Xylenes  | SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylenes |    |    |    |    |    |    |    |              |  |  |
| ND   | ND   | ND | ND | ND | ND | ND | ND | ND | AH-1 H NORTH |  |  |
| AH-3@1' 130 ND ND ND ND ND ND ND                             |  |    |    |    |    |    |    |    |              |  |  |
|  | -  |    |    |    |    |    |    |    | _            |  |  |

### Remediation

Based on the results of the delineation, SESI, determined the best course of action is to excavate the contaminated soil to a depth of 1ft as practicable. The areas with appreciable DRO and MRO contamination were marked for excavation. In January of 2021, approximately 60 yrds of contaminated material was removed via shovel or backhoe. Confirmation and horizontal samples were taken to ensure remediation was successful and that the horizontal extent of the release area had been established. The samples were properly preserved and packaged then sent to Hall Laboratories for analysis. The results of the sampling is captured in the table below.

| Devon Energy<br>CDU 181 SWD<br>Soil Sample Results: Hall Environmental Laboratories 1/25/21 |     |    |    |    |    |    |    |    |  |  |  |
|---|-----|----|----|----|----|----|----|----|--|--|--|
| SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylenes                  |     |    |    |    |    |    |    |    |  |  |  |
| SP-1 BTM @ 1'   | 120 | ND |  |  |  |
| SP-2 BTM @ 1'   | ND  | ND | ND | ND | ND | ND | ND | ND |  |  |  |
| SP-3 BTM @ 1'   | ND  | ND | ND | ND | ND | ND | ND | ND |  |  |  |
| SP-4 BTM @ 1'   | ND  | ND | ND | ND | ND | ND | ND | ND |  |  |  |
| SP-5 N WALL   | ND  | ND | 14 | ND | ND | ND | ND | ND |  |  |  |
| SP-6 W WALL   | ND  | ND | ND | ND | ND | ND | ND | ND |  |  |  |
| SP-7 E WALL   | ND  | ND | ND | ND | ND | ND | ND | ND |  |  |  |
| SP-8 N WALL   |     |    |    |    |    |    |    |    |  |  |  |

Once sample results verified both successful remediation and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

#### NOY1701331626

This release was completely contained inside of the SPCC. An initial 45 bbls of produced water was released, and a vacuum truck recovered all 45 bbls from the lined containment area. A visual liner inspection was subsequently performed with no deficiencies. No further remedial actions were needed, and this report shall serve as a closure request for this incident number as well.

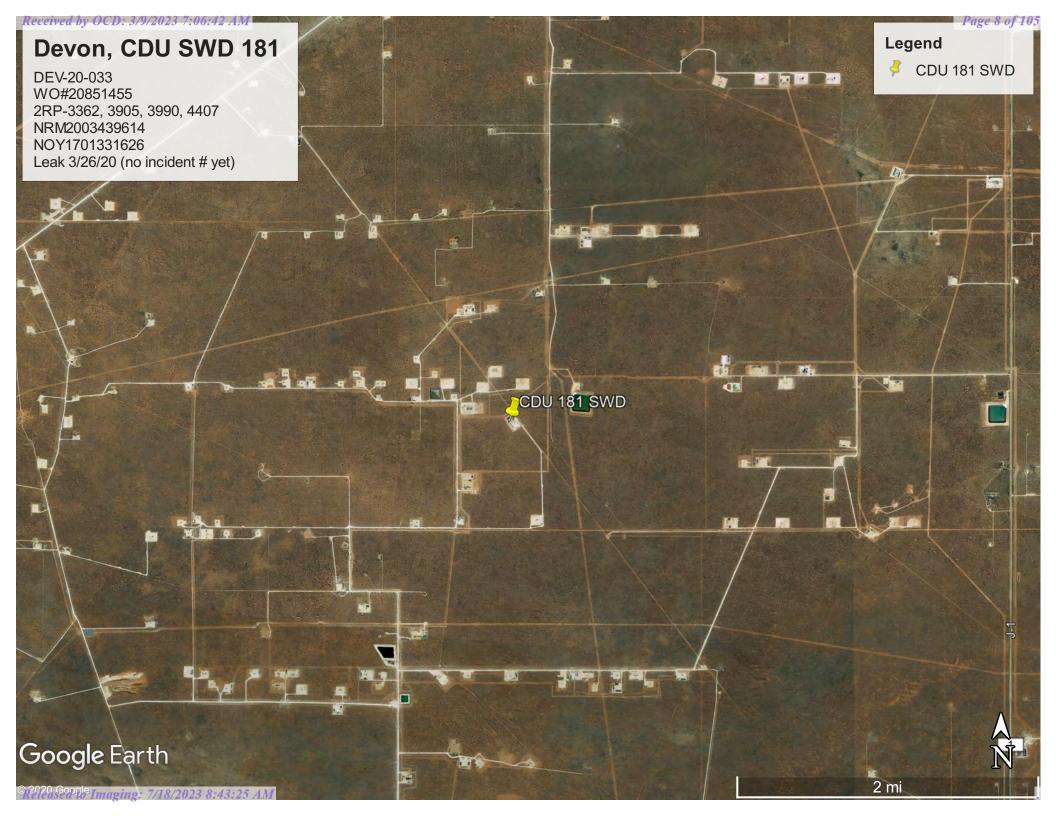
#### **Closure Request**

Based on the confirmation and horizontal sample results, SESI believes the release area to be properly remediated according to the closure criteria set forth in Table I of the Spill Rule 19.15.29 NMAC. Therefore, SESI, on behalf of Devon respectfully requests closure of the following releases.

NAB1530234949 NAB1626756642 NOY1701331626 NAB1726355760 NRM2003439614 NRM2008733329 Supplemental information has been included in this report to support our closure request.

### **Supplemental Documentation for Closure**

Map of Release with sample locations Photos of release and remediation NMOCD Oil and Gas Map BLM Cave Karst Map Laboratory Analysis C-141,





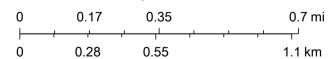
# OSE PUBLIC PRINT





SiteBoundaries

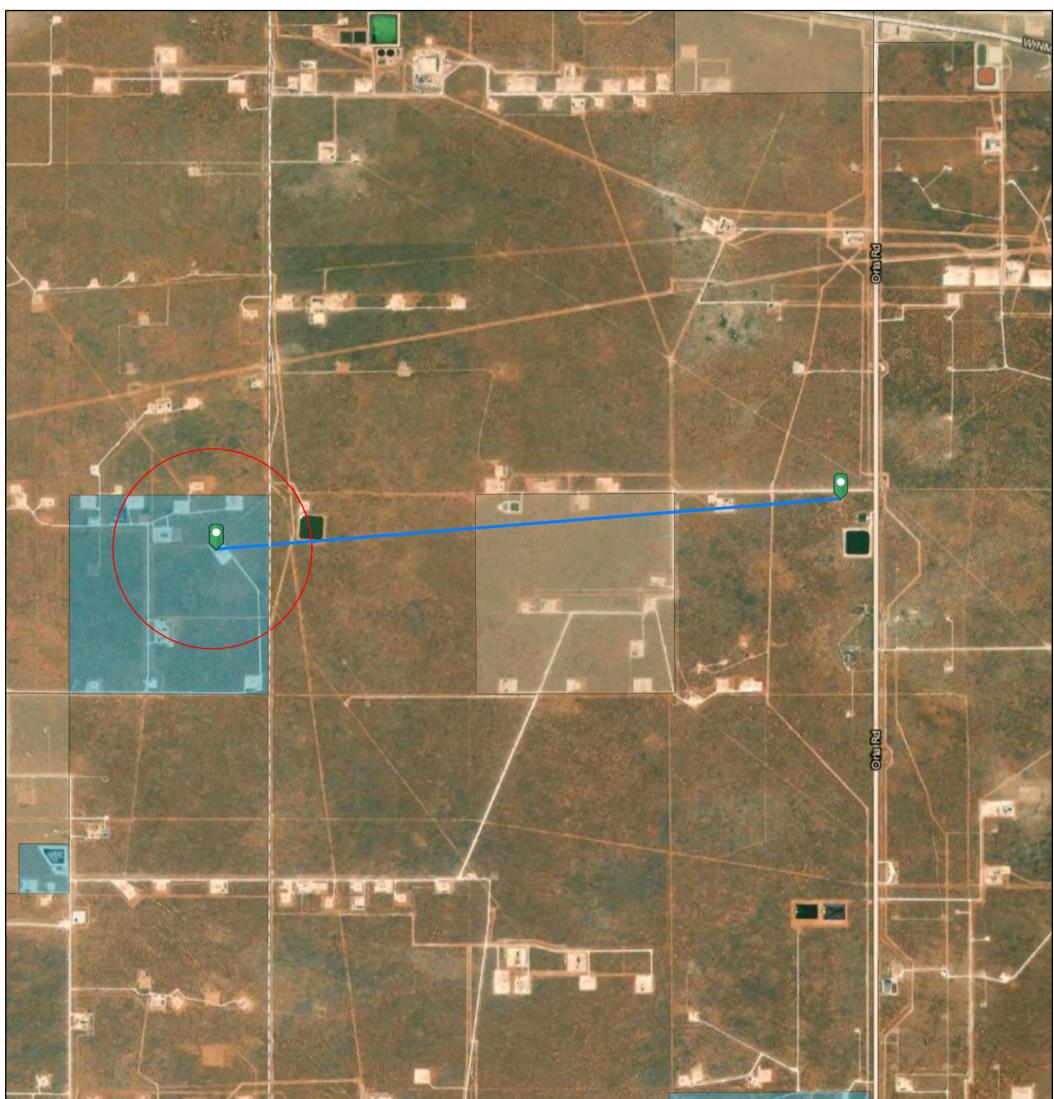




Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Printed from Public Web Map Unofficial Map from OSE POD Locations Web Application

# OSE PUBLIC PRINT

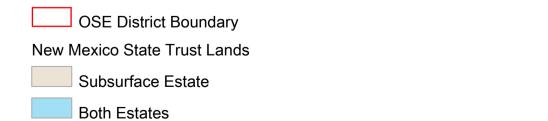


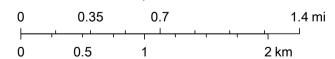
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SiteBoundaries





Esri, HERE, Garmin, Esri, HERE, U.S. Department of Energy Office of Legacy Management, Maxar

Printed from Public Web Map Unofficial Map from OSE POD Locations Web Application

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# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| NOI                          |                               | POT             | >                             | 1                                  | ELL TAG ID NO.<br>DE37                             |               |                                | OSE FILE NO(<br>C-4536                | $\checkmark$                                     |                                       |      |  |  |
|------------------------------|-------------------------------|-----------------|-------------------------------|------------------------------------|--|---------------|--------------------------------|---------------------------------------|--|---------------------------------------|------|--|--|
| DCAT                         | WELL OWNER                    |                 | ES RANCHES LLC                | ;                                  |  |               |                                | PHONE (OPTIONAL)                      |  |                                       |      |  |  |
| VELL L                       | WELL OWNE<br>3300 N A S       |                 | ADDRESS<br>BLDG 1, STE 220    | спу<br>MIDL                        |  |               | спу<br>MIDLAND                 |                                       | state<br>TX                                      | ZI₽<br>79705                          |      |  |  |
| 1. GENERAL AND WELL LOCATION | WELL<br>LOCATION<br>(FROM GPS | 3)              | DE<br>TTUDE<br>KGITUDE        | GREES<br>32<br>103                 | 10 50.8 * ACCURACY REQUIRED: ONE TENTH OF A SECOND |               |                                |                                       |  | TH OF A SECOND                        |      |  |  |
| I. GEI                       | DESCRIPTIO                    | N RELATIN       | G WELL LOCATION TO            | S (SECTION, TO                     | WNSHJIP, RANGE) WH                                 | ERE AVAILABLE |                                |                                       |  |                                       |      |  |  |
| -                            | LICENSE NO.<br>WD17           |                 | NAME OF LICENSED              |                                    | yce Wallace  |               |                                | <u></u>                               | NAME OF WELL DRI<br>Elite I                      | LLING COMPANY<br>Drillers Corporation |      |  |  |
|                              | DRILLING ST<br>06/09/         |                 | DRILLING ENDED 06/10/21       | DEPTH OF COMP                      | LETED WELL (F<br>500                               | T) 1          |                                | LE DEPTH (FT)<br>500                  | DEPTH WATER FIRS                                 | ST ENCOUNTERED (FT<br>314             | )    |  |  |
| Z.                           | COMPLETED                     | WELL IS:        | ARTESIAN                      | DRY HOLE 7 SHALLOW (UNCONFINED)    |  |               |                                |                                       | STATIC WATER LEVEL IN COMPLETED WELL (FT)<br>314 |                                       |      |  |  |
| VIIO                         | DRILLING FL                   | UID:            | AIR                           | MUD                                | ADDITTV  | 'ES – SPECII  | Y:                             |                                       | <b>I</b>   |                                       |      |  |  |
| RM                           | DRILLING MI                   | ETHOD:          | ROTARY                        | HAMMER                             | CABLE T  | OOL           | ) OTHE                         | R – SPECIFY:                          |  |                                       |      |  |  |
| CASING INFORMATION           | DEPTH (<br>FROM               | feet bgl)<br>TO | BORE HOLE<br>DIAM<br>(inches) | (include each casing string, and T |  |               | ASING<br>NECTION<br>TYPE       | CASING<br>INSIDE DIAM.<br>(inches)    | CASING WALL<br>THICKNESS<br>(inches)             | SLOT<br>SIZE<br>(inches)              |      |  |  |
| & CA                         | 0                             | 20              | 12 3/4                        | note sections of screen) STEEL     |  |               | (add coupling diameter)<br>N/A |                                       | 8.28   | .337                                  |      |  |  |
|                              | 0                             | 300             | 7 7/8                         | SDR17 PVC                          |  |               | SPLINE                         |                                       | 4.3  | SDR17                                 |      |  |  |
| 2. DRILLING                  | 300                           | 500             | 7 7/8                         | SD                                 | DR17 PVC   |               | SI                             | PLINE                                 | 4.3  | SDR17                                 | .032 |  |  |
|                              |                               |                 |                               |                                    |  |               |                                | · · · · · · · · · · · · · · · · · · · |  |                                       |      |  |  |
| :<br>                        | DEPTH (1                      | feet bgl)       | BORE HOLE                     | LIST                               | ANNULAR SI   | EAL MAT       | ERIAL A                        | AND                                   | AMOUNT   | метно                                 |      |  |  |
| IAL                          | FROM                          | TO              | DIAM. (inches)                | 1                                  | L PACK SIZE  |               |                                |                                       | (cubic feet)                                     | PLACE                                 |      |  |  |
| rer                          | 0                             | 20              | 12 3/4                        |                                    |  | MENT          |                                |                                       | 10   | TOP I                                 |      |  |  |
| WA.                          | 0                             | 20              | 7 7/8                         |                                    |  | MENT          |                                | •                                     | 6  | TOP I                                 |      |  |  |
| ANNULAR MATERIAL             | 300                           | 500             | 7 7/8                         |                                    | 8/16 SIL   | ICA SANI      | )                              |                                       | 46   |                                       | FILL |  |  |
| 3.                           | OSE INTERN                    |                 |                               |                                    |  |               |                                |                                       |  |                                       |      |  |  |

| 4. | FOR OSE INTERNAL USE      |         | WR-20 WEI       | L RECORD & LOG ( | Version 06/30/17) |
|----|---------------------------|---------|-----------------|------------------|-------------------|
|    | FILE NO. C-4536-7021      | POD NO. | TRN NO.         | 69537            | 8                 |
|    | LOCATION STK 24.32.33.122 | •       | WELL TAG ID NO. | 20E37            | 7 PAGE 1 OF 2     |

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|                              | DEPTH (<br>FROM | feet bgl)<br>TO | THICKNESS<br>(feet) | INCLUDE WAT                           | ND TYPE OF MA<br>ER-BEARING C.        | AVITIES OF | R FRACTURE ZONE                        | s     | WA<br>BEAF<br>(YES | ING?                                     | ESTIMATED<br>YIELD FOR<br>WATER-<br>BEARING<br>ZONES (====) |
|------------------------------|-----------------|-----------------|---------------------|---------------------------------------|---------------------------------------|------------|--|-------|--------------------|--|---|
|                              | 0               | 3               | 3                   |                                       | RED                                   | SAND       |  |       | Y                  | √ N                                      | ZONES (gpm)   |
|                              | 3               | 12              | 9                   |                                       |                                       | ICHE       |  |       | <br>Y              | ✓ N                                      |   |
|                              | 12              | 180             | 168                 |                                       |                                       | CLAY       |  |       |                    | √ N                                      |   |
|                              | 180             | 235             | 415                 |                                       |                                       | NDSTONE    |  |       | Y                  | ✓ N                                      |   |
|                              | 235             | 480             | 245                 | TAI                                   | N SANDSTONE                           |            | RINGERS                                |       | ✓ Y                | N  | 4.00  |
|                              | 480             | 500             | 20                  |                                       | ED CLAY WITH                          |            |  |       | Y                  | √ N                                      |   |
| 4. HYDROGEOLOGIC LOG OF WELL |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
| OFV                          |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
| 90                           |                 |                 |                     |                                       | · · · · · · · · · · · · · · · · · · · |            |  |       | Y                  | N  |   |
| IC L                         |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
| 00                           |                 |                 |                     |                                       | ··· · ·· ··· ·· ·                     |            |  |       | Y                  | N  | ··  |
| EOI                          |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
| ROG                          |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
| QX                           |                 |                 |                     |                                       | ··········                            |            |  |       | Y                  | N  |   |
| 4.1                          |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
|                              |                 |                 | ·····               |                                       |                                       |            |  |       | Y                  | N  |   |
|                              |                 |                 |                     |                                       |                                       |            | ······································ |       | Y                  | N  |   |
|                              |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
|                              |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  | • • •   |
|                              |                 |                 |                     |                                       | · · · · · · · · · · · · · · · · · · · |            |  |       | Y                  | N  |   |
|                              |                 |                 |                     |                                       |                                       |            |  |       | Y                  | N  |   |
|                              | METHOD U        | SED TO ES       | TIMATE YIELD        | OF WATER-BEARIN                       | G STRATA:                             |            |  | TOT   | AL ESTIN           | <b>AATED</b>                             |   |
|                              | <b>PUM</b>      | P 🗸 A           | IR LIFT             | BAILER O                              | THER - SPECIF                         | ť:         |  | WEL   | L YIELD            | ) (gpm):                                 | 4.00  |
| ON                           | WELL TES        |                 |                     | ACH A COPY OF DA<br>ME, AND A TABLE S |                                       |            |  |       |                    |  |   |
| RVISION                      | MISCELLA        | NEOUS INF       | ORMATION:           |                                       |                                       |            |  |       |                    | <u>, , , , , , , , , , , , , , , , ,</u> |   |
| TEST; RIG SUPEI              |                 |                 |                     |                                       |                                       |            |  |       |                    |  |   |
| 5. TES                       | PRINT NAM       | 1Ē(S) OF DI     | RILL RIG SUPER      | VISOR(S) THAT PRO                     | OVIDED ONSITE                         | SUPERVIS   | SION OF WELL CON                       | STRU  | CTION O            | THER TH                                  | IAN LICENSEE:   |
|                              | THEINDE         | RSIGNED         | EREBY CERTIE        | IES THAT, TO THE E                    | SEST OF LIS OF                        | HER KNOT   |  |       | E EUBE             | SOING 19                                 | A TRUE AND  |
| 6. SIGNATURE                 | CORRECT I       | RECORD OI       | F THE ABOVE D       | ESCRIBED HOLE AN<br>0 DAYS AFTER COM  | ND THAT HE OR                         | SHE WILL   | FILE THIS WELL F                       |       |                    |  |   |
| SIGN                         | PL              | r n/            | l                   | J                                     | Bryce Wallace                         |            |  |       | 06/1               | 5/2021                                   |   |
|                              |                 | SIGNAT          | URE OF DRILLE       | R / PRINT SIGNEE                      | NAME                                  |            |  |       |                    | DATE                                     |   |
| FOF                          | OSE INTERI      | NAL USE         |                     | <u></u>                               | <u> </u>                              | <u></u>    | WR-20 WF                               | LLREG | CORD &             | LOG                                      | sion 06/30/2017)  |
|                              | ENOC-C          | 1536            | 10-1-01             | 1                                     | POD NO.                               | (          | TRN NO.                                | e95   | 37                 | <b>1</b>                                 | CLEM COLO VINCITI   |
| LO                           | CATION <        | ŤΚ-             | 24.32               | 2.33.122                              | ·········                             |            | WELL TAG ID NO.                        | 2     | DE                 | 37                                       | PAGE 2 OF 2   |



Southeast corner facing North inside



Location sign facing West Released to Imaging: 7/18/2023 8:43:25 AM



Southeast corner facing West inside



Southeast corner facing North inside



East side facing West inside



Southeast corner facing West outside Released to Imaging: 7/18/2023 8:43:25 AM



East side facing West inside



East side facing West inside



East side facing West inside



East side facing West inside Released to Imaging: 7/18/2023 8:43:25 AM



Northeast corner facing South inside



East side facing west inside





Northeast corner facing West inside



Northeast corner facing South outside



North side facing South inside



Northeast corner facing West inside



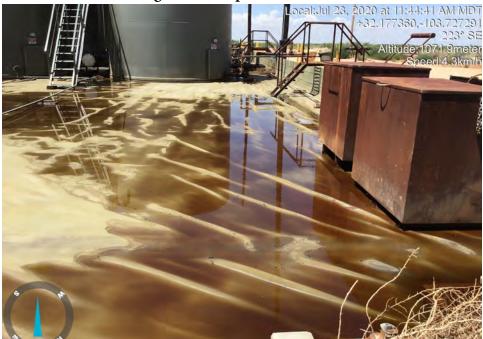
North side facing South inside



North side facing South inside



Northeast corner facing East , Sump with water



North side facing South inside



Northeast corner facing South outside



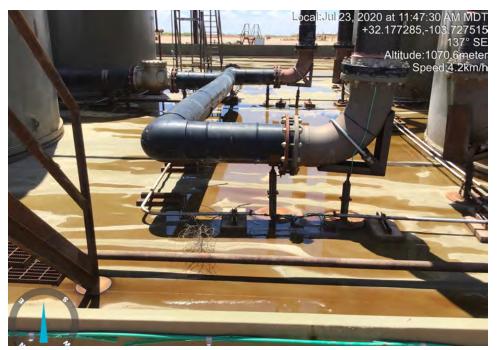
Northwest corner facing South inside



West side facing East inside



West side facing East inside



West side facing East inside



West side facing East inside



Southwest corner facing North inside



West side facing East inside



Southwest corner facing East inside



Southwest corner facing North outside Released to Imaging: 7/18/2023 8:43:25 AM



Southeast corner sump facing East (water)



Southwest corner facing east outside



West side inside (pump#1), patch unglued



East side, inside pump#3, liner patch unglued Released to Imaging: 7/18/2023 8:43:25 AM



Inside center facing Southwest



Inside center facing Northeast



East side, outside of liner (oil dump)



East side, outside of liner, oil stain (not liner leak), oil dump Released to Imaging: 7/18/2023 8:43:25 AM



Inside facing Southwest (chemical and water mix)



East side, outside of liner (oil dump)

# Devon Energy – Cotton Draw Unit 181 SWD Excavation & Remediation









# Devon Energy – Cotton Draw Unit 181 SWD Excavation & Remediation









# Devon Energy – Cotton Draw Unit 181 SWD Excavation & Remediation











February 01, 2021

Bob Allen Safety & Environmental Solutions PO Box 1613 Hobbs, NM 88241 TEL: (575) 397-0510 FAX: (575) 393-4388

RE: Coftton Draw 181 SWD

OrderNo.: 2101967

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 8 sample(s) on 1/27/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Date Reported: 2/1/2021 Client Sample ID: SP-1 1ft Bottom

| Project: | Coftton Draw 181 SWD      |              | (        | Collection Dat      | <b>e:</b> 1/2 | 25/2021 10:15:00 AM   |         |
|----------|---------------------------|--------------|----------|---------------------|---------------|-----------------------|---------|
| Lab ID:  | 2101967-001               | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 1/2 | 27/2021 7:35:00 AM    |         |
| Analyses | 3                         | Result       | RL       | Qual Units          | DF            | Date Analyzed         | Batch   |
| EPA ME   | THOD 300.0: ANIONS        |              |          |                     |               | Analys                | t: VP   |
| Chloride | •                         | 120          | 60       | mg/Kg               | 20            | 1/29/2021 7:12:25 PM  | 57808   |
| EPA ME   | THOD 8015M/D: DIESEL RANG | SE ORGANICS  |          |                     |               | Analys                | t: mb   |
| Diesel R | ange Organics (DRO)       | ND           | 9.3      | mg/Kg               | 1             | 1/28/2021 10:46:12 AM | 1 57769 |
| Motor O  | il Range Organics (MRO)   | ND           | 46       | mg/Kg               | 1             | 1/28/2021 10:46:12 AN | 1 57769 |
| Surr:    | DNOP                      | 127          | 30.4-154 | %Rec                | 1             | 1/28/2021 10:46:12 AN | 1 57769 |
| EPA ME   | THOD 8015D: GASOLINE RAN  | GE           |          |                     |               | Analys                | t: RAA  |
| Gasoline | e Range Organics (GRO)    | ND           | 4.7      | mg/Kg               | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| Surr:    | BFB                       | 96.2         | 75.3-105 | %Rec                | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| EPA ME   | THOD 8021B: VOLATILES     |              |          |                     |               | Analys                | t: RAA  |
| Benzene  | e                         | ND           | 0.024    | mg/Kg               | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| Toluene  |                           | ND           | 0.047    | mg/Kg               | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| Ethylber | nzene                     | ND           | 0.047    | mg/Kg               | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| Xylenes  | , Total                   | ND           | 0.094    | mg/Kg               | 1             | 1/29/2021 1:15:18 PM  | 57765   |
| Surr:    | 4-Bromofluorobenzene      | 99.2         | 80-120   | %Rec                | 1             | 1/29/2021 1:15:18 PM  | 57765   |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Project: Coftton Draw 181 SWD

Client Sample ID: SP-2 1ft Bottom Collection Date: 1/25/2021 10:30:00 AM

| Lab ID: 2101967-002              | Matrix: SOIL         Received Date: 1/27/2021 7:35:00 AM |          |            |    |                       |       |
|----------------------------------|--|----------|------------|----|-----------------------|-------|
| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS         |  |          |            |    | Analyst               | : VP  |
| Chloride                         | ND   | 60       | mg/Kg      | 20 | 1/29/2021 8:14:27 PM  | 57808 |
| EPA METHOD 8015M/D: DIESEL RANGI | E ORGANICS   |          |            |    | Analyst               | : mb  |
| Diesel Range Organics (DRO)      | ND   | 9.2      | mg/Kg      | 1  | 1/28/2021 11:57:29 AN | 57769 |
| Motor Oil Range Organics (MRO)   | ND   | 46       | mg/Kg      | 1  | 1/28/2021 11:57:29 AN | 57769 |
| Surr: DNOP                       | 142  | 30.4-154 | %Rec       | 1  | 1/28/2021 11:57:29 AN | 57769 |
| EPA METHOD 8015D: GASOLINE RANG  | θE   |          |            |    | Analyst               | RAA   |
| Gasoline Range Organics (GRO)    | ND   | 4.8      | mg/Kg      | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| Surr: BFB                        | 97.4   | 75.3-105 | %Rec       | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| EPA METHOD 8021B: VOLATILES      |  |          |            |    | Analyst               | RAA   |
| Benzene                          | ND   | 0.024    | mg/Kg      | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| Toluene                          | ND   | 0.048    | mg/Kg      | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| Ethylbenzene                     | ND   | 0.048    | mg/Kg      | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| Xylenes, Total                   | ND   | 0.096    | mg/Kg      | 1  | 1/29/2021 2:26:12 PM  | 57765 |
| Surr: 4-Bromofluorobenzene       | 101  | 80-120   | %Rec       | 1  | 1/29/2021 2:26:12 PM  | 57765 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-3 1ft Bottom Collection Date: 1/25/2021 11:20:00 AM

| Lab ID: 2101967-003             | Matrix: SOIL       |          | <b>Received Date:</b> 1/27/2021 7:35:00 AM |    |                       |         |  |  |
|---------------------------------|--------------------|----------|--|----|-----------------------|---------|--|--|
| Analyses                        | Result             | RL       | Qual Units                                 | DF | Date Analyzed         | Batch   |  |  |
| EPA METHOD 300.0: ANIONS        |                    |          |  |    | Analys                | st: VP  |  |  |
| Chloride                        | ND                 | 59       | mg/Kg                                      | 20 | 1/29/2021 8:51:39 PM  | 57808   |  |  |
| EPA METHOD 8015M/D: DIESEL RANG | <b>BE ORGANICS</b> |          |  |    | Analys                | st: mb  |  |  |
| Diesel Range Organics (DRO)     | ND                 | 9.5      | mg/Kg                                      | 1  | 1/28/2021 12:21:18 PM | M 57769 |  |  |
| Motor Oil Range Organics (MRO)  | ND                 | 48       | mg/Kg                                      | 1  | 1/28/2021 12:21:18 PM | M 57769 |  |  |
| Surr: DNOP                      | 144                | 30.4-154 | %Rec                                       | 1  | 1/28/2021 12:21:18 PM | M 57769 |  |  |
| EPA METHOD 8015D: GASOLINE RAN  | GE                 |          |  |    | Analys                | st: RAA |  |  |
| Gasoline Range Organics (GRO)   | ND                 | 4.7      | mg/Kg                                      | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| Surr: BFB                       | 97.3               | 75.3-105 | %Rec                                       | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| EPA METHOD 8021B: VOLATILES     |                    |          |  |    | Analys                | st: RAA |  |  |
| Benzene                         | ND                 | 0.023    | mg/Kg                                      | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| Toluene                         | ND                 | 0.047    | mg/Kg                                      | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| Ethylbenzene                    | ND                 | 0.047    | mg/Kg                                      | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| Xylenes, Total                  | ND                 | 0.094    | mg/Kg                                      | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |
| Surr: 4-Bromofluorobenzene      | 99.5               | 80-120   | %Rec                                       | 1  | 1/29/2021 3:37:29 PM  | 57765   |  |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Project: Coftton Draw 181 SWD

Date Reported: 2/1/2021
Client Sample ID: SP-4 1ft Bottom

Collection Date: 1/25/2021 1:40:00 PM

| Lab ID: 2101967-004              | 2101967-004 Matrix: SOIL |          |            | <b>Received Date:</b> 1/27/2021 7:35:00 AM |                       |       |  |  |  |
|----------------------------------|--------------------------|----------|------------|--|-----------------------|-------|--|--|--|
| Analyses                         | Result                   | RL       | Qual Units | DF   | Date Analyzed         | Batch |  |  |  |
| EPA METHOD 300.0: ANIONS         |                          |          |            |  | Analys                | : VP  |  |  |  |
| Chloride                         | ND                       | 59       | mg/Kg      | 20   | 1/29/2021 9:04:04 PM  | 57808 |  |  |  |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS                 |          |            |  | Analys                | : mb  |  |  |  |
| Diesel Range Organics (DRO)      | ND                       | 9.6      | mg/Kg      | 1  | 1/28/2021 12:45:06 PM | 57769 |  |  |  |
| Motor Oil Range Organics (MRO)   | ND                       | 48       | mg/Kg      | 1  | 1/28/2021 12:45:06 PM | 57769 |  |  |  |
| Surr: DNOP                       | 145                      | 30.4-154 | %Rec       | 1  | 1/28/2021 12:45:06 PM | 57769 |  |  |  |
| EPA METHOD 8015D: GASOLINE RANG  | E                        |          |            |  | Analys                | RAA   |  |  |  |
| Gasoline Range Organics (GRO)    | ND                       | 5.0      | mg/Kg      | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| Surr: BFB                        | 100                      | 75.3-105 | %Rec       | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| EPA METHOD 8021B: VOLATILES      |                          |          |            |  | Analys                | : RAA |  |  |  |
| Benzene                          | ND                       | 0.025    | mg/Kg      | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| Toluene                          | ND                       | 0.050    | mg/Kg      | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| Ethylbenzene                     | ND                       | 0.050    | mg/Kg      | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| Xylenes, Total                   | ND                       | 0.10     | mg/Kg      | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |
| Surr: 4-Bromofluorobenzene       | 101                      | 80-120   | %Rec       | 1  | 1/29/2021 4:01:18 PM  | 57765 |  |  |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Lab ID:

Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2101967-005

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-5 North Wall Collection Date: 1/25/2021 1:15:00 PM Received Date: 1/27/2021 7:35:00 AM

|                                    | Julian Soll |          |            |    |                      |       |  |  |
|------------------------------------|-------------|----------|------------|----|----------------------|-------|--|--|
| Analyses                           | Result      | RL       | Qual Units | DF | Date Analyzed        | Batch |  |  |
| EPA METHOD 300.0: ANIONS           |             |          |            |    | Analyst              | : VP  |  |  |
| Chloride                           | ND          | 60       | mg/Kg      | 20 | 1/29/2021 9:16:29 PM | 57808 |  |  |
| EPA METHOD 8015M/D: DIESEL RANGE O | RGANICS     |          |            |    | Analyst              | : mb  |  |  |
| Diesel Range Organics (DRO)        | 14          | 8.5      | mg/Kg      | 1  | 1/28/2021 5:23:32 PM | 57769 |  |  |
| Motor Oil Range Organics (MRO)     | ND          | 42       | mg/Kg      | 1  | 1/28/2021 5:23:32 PM | 57769 |  |  |
| Surr: DNOP                         | 151         | 30.4-154 | %Rec       | 1  | 1/28/2021 5:23:32 PM | 57769 |  |  |
| EPA METHOD 8015D: GASOLINE RANGE   |             |          |            |    | Analyst              | RAA   |  |  |
| Gasoline Range Organics (GRO)      | ND          | 4.6      | mg/Kg      | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| Surr: BFB                          | 99.6        | 75.3-105 | %Rec       | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| EPA METHOD 8021B: VOLATILES        |             |          |            |    | Analyst              | RAA   |  |  |
| Benzene                            | ND          | 0.023    | mg/Kg      | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| Toluene                            | ND          | 0.046    | mg/Kg      | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| Ethylbenzene                       | ND          | 0.046    | mg/Kg      | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| Xylenes, Total                     | ND          | 0.092    | mg/Kg      | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
| Surr: 4-Bromofluorobenzene         | 101         | 80-120   | %Rec       | 1  | 1/29/2021 4:25:09 PM | 57765 |  |  |
|                                    |             |          |            |    |                      |       |  |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Project: Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-6 West Wall Collection Date: 1/25/2021 2:05:00 PM

| Lab ID: 2101967-006             | Matrix: SOIL         Received Date: 1/27/2021 7:35:00 AM |          |      |       | ix: SOIL Received Date: 1/27/2021 7:35 |                      |       |
|---------------------------------|--|----------|------|-------|--|----------------------|-------|
| Analyses                        | Result   | RL       | Qual | Units | DF                                     | Date Analyzed        | Batch |
| EPA METHOD 300.0: ANIONS        |  |          |      |       |  | Analyst              | : VP  |
| Chloride                        | ND   | 60       |      | mg/Kg | 20                                     | 1/29/2021 9:28:54 PM | 57808 |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |      |       |  | Analyst              | : mb  |
| Diesel Range Organics (DRO)     | ND   | 9.7      |      | mg/Kg | 1                                      | 1/28/2021 1:32:50 PM | 57769 |
| Motor Oil Range Organics (MRO)  | ND   | 49       |      | mg/Kg | 1                                      | 1/28/2021 1:32:50 PM | 57769 |
| Surr: DNOP                      | 159  | 30.4-154 | S    | %Rec  | 1                                      | 1/28/2021 1:32:50 PM | 57769 |
| EPA METHOD 8015D: GASOLINE RAN  | IGE  |          |      |       |  | Analyst              | RAA   |
| Gasoline Range Organics (GRO)   | ND   | 4.7      |      | mg/Kg | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| Surr: BFB                       | 97.8   | 75.3-105 |      | %Rec  | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| EPA METHOD 8021B: VOLATILES     |  |          |      |       |  | Analyst              | RAA   |
| Benzene                         | ND   | 0.024    |      | mg/Kg | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| Toluene                         | ND   | 0.047    |      | mg/Kg | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| Ethylbenzene                    | ND   | 0.047    |      | mg/Kg | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| Xylenes, Total                  | ND   | 0.094    |      | mg/Kg | 1                                      | 1/29/2021 4:49:03 PM | 57765 |
| Surr: 4-Bromofluorobenzene      | 98.0   | 80-120   |      | %Rec  | 1                                      | 1/29/2021 4:49:03 PM | 57765 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-7 East Wall Collection Date: 1/25/2021 11:00:00 AM

| Lab ID: 2101967-007             | Matrix: SOIL | <b>Received Date:</b> 1/27/2021 7:35:00 AM |            |    |                      |       |
|---------------------------------|--------------|--|------------|----|----------------------|-------|
| Analyses                        | Result       | RL   | Qual Units | DF | Date Analyzed        | Batch |
| EPA METHOD 300.0: ANIONS        |              |  |            |    | Analyst              | : VP  |
| Chloride                        | ND           | 60   | mg/Kg      | 20 | 1/29/2021 9:41:19 PM | 57808 |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |  |            |    | Analyst              | : mb  |
| Diesel Range Organics (DRO)     | ND           | 9.6  | mg/Kg      | 1  | 1/28/2021 1:56:48 PM | 57769 |
| Motor Oil Range Organics (MRO)  | ND           | 48   | mg/Kg      | 1  | 1/28/2021 1:56:48 PM | 57769 |
| Surr: DNOP                      | 140          | 30.4-154                                   | %Rec       | 1  | 1/28/2021 1:56:48 PM | 57769 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |  |            |    | Analyst              | RAA   |
| Gasoline Range Organics (GRO)   | ND           | 4.8  | mg/Kg      | 1  | 1/29/2021 5:12:56 PM | 57765 |
| Surr: BFB                       | 99.9         | 75.3-105                                   | %Rec       | 1  | 1/29/2021 5:12:56 PM | 57765 |
| EPA METHOD 8021B: VOLATILES     |              |  |            |    | Analyst              | RAA   |
| Benzene                         | ND           | 0.024                                      | mg/Kg      | 1  | 1/29/2021 5:12:56 PM | 57765 |
| Toluene                         | ND           | 0.048                                      | mg/Kg      | 1  | 1/29/2021 5:12:56 PM | 57765 |
| Ethylbenzene                    | ND           | 0.048                                      | mg/Kg      | 1  | 1/29/2021 5:12:56 PM | 57765 |
| Xylenes, Total                  | ND           | 0.096                                      | mg/Kg      | 1  | 1/29/2021 5:12:56 PM | 57765 |
| Surr: 4-Bromofluorobenzene      | 100          | 80-120                                     | %Rec       | 1  | 1/29/2021 5:12:56 PM | 57765 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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- J Analyte detected below quantitation limits
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Project:

Analytical Report Lab Order 2101967

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-8 North Wall Collection Date: 1/25/2021 11:55:00 AM Received Date: 1/27/2021 7:35:00 AM

| Lab ID: 2101967-008              | Matrix: SOIL | IL <b>Received Date:</b> 1/27/2021 7:35:00 AM |            |    |                      |       |
|----------------------------------|--------------|---|------------|----|----------------------|-------|
| Analyses                         | Result       | RL  | Qual Units | DF | Date Analyzed        | Batch |
| EPA METHOD 300.0: ANIONS         |              |   |            |    | Analyst              | : VP  |
| Chloride                         | ND           | 60  | mg/Kg      | 20 | 1/29/2021 9:53:43 PM | 57808 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS     |   |            |    | Analyst              | : mb  |
| Diesel Range Organics (DRO)      | ND           | 8.5   | mg/Kg      | 1  | 1/28/2021 2:20:45 PM | 57769 |
| Motor Oil Range Organics (MRO)   | ND           | 43  | mg/Kg      | 1  | 1/28/2021 2:20:45 PM | 57769 |
| Surr: DNOP                       | 147          | 30.4-154                                      | %Rec       | 1  | 1/28/2021 2:20:45 PM | 57769 |
| EPA METHOD 8015D: GASOLINE RANGE | E            |   |            |    | Analyst              | RAA   |
| Gasoline Range Organics (GRO)    | ND           | 4.7   | mg/Kg      | 1  | 1/29/2021 7:35:47 PM | 57765 |
| Surr: BFB                        | 99.7         | 75.3-105                                      | %Rec       | 1  | 1/29/2021 7:35:47 PM | 57765 |
| EPA METHOD 8021B: VOLATILES      |              |   |            |    | Analyst              | RAA   |
| Benzene                          | ND           | 0.023   | mg/Kg      | 1  | 1/29/2021 7:35:47 PM | 57765 |
| Toluene                          | ND           | 0.047   | mg/Kg      | 1  | 1/29/2021 7:35:47 PM | 57765 |
| Ethylbenzene                     | ND           | 0.047   | mg/Kg      | 1  | 1/29/2021 7:35:47 PM | 57765 |
| Xylenes, Total                   | ND           | 0.094   | mg/Kg      | 1  | 1/29/2021 7:35:47 PM | 57765 |
| Surr: 4-Bromofluorobenzene       | 101          | 80-120  | %Rec       | 1  | 1/29/2021 7:35:47 PM | 57765 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

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|   | fety & Environmental Solutions<br>ftton Draw 181 SWD                        |  |  |  |  |  |
|---|---|--|--|--|--|--|
| Sample ID: MB-57808     SampType: MBLK     TestCode: EPA Method 300.0: Anions |   |  |  |  |  |  |
| Client ID: PBS  | Batch ID: 57808 RunNo: 74942  |  |  |  |  |  |
| Prep Date: 1/29/202   | Analysis Date: 1/29/2021 SeqNo: 2645957 Units: mg/Kg                        |  |  |  |  |  |
| Analyte   | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |  |  |  |  |  |
| Chloride  | ND 1.5  |  |  |  |  |  |
| Sample ID: LCS-5780   | SampType: LCS TestCode: EPA Method 300.0: Anions                            |  |  |  |  |  |
| Client ID: LCSS   | Batch ID: 57808 RunNo: 74942  |  |  |  |  |  |
| Prep Date: 1/29/202   | Analysis Date: 1/29/2021 SeqNo: 2645958 Units: mg/Kg                        |  |  |  |  |  |
| Analyte   | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |  |  |  |  |  |
| Chloride  | 15 1.5 15.00 0 98.7 90 110  |  |  |  |  |  |

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- P Sample pH Not In Range

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RL Reporting Limit

| Client:<br>Project: | •              | Environme<br>Draw 181 S |                | lutions   |             |           |           |              |            |            |      |
|---------------------|----------------|-------------------------|----------------|-----------|-------------|-----------|-----------|--------------|------------|------------|------|
| Sample ID: M        | IB-57769       | SampT                   | уре: <b>МЕ</b> | BLK       | Tes         | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics |      |
| Client ID: PI       | BS             | Batch                   | ID: 57         | 769       | F           | RunNo: 7  | 4917      |              |            |            |      |
| Prep Date:          | 1/27/2021      | Analysis D              | ate: 1/        | 28/2021   | S           | SeqNo: 2  | 644531    | Units: mg/K  | g          |            |      |
| Analyte             |                | Result                  | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |
| Diesel Range Org    | ganics (DRO)   | ND                      | 10             |           |             |           |           |              |            |            |      |
| Motor Oil Range C   | Organics (MRO) | ND                      | 50             |           |             |           |           |              |            |            |      |
| Surr: DNOP          |                | 13                      |                | 10.00     |             | 132       | 30.4      | 154          |            |            |      |
| Sample ID: LO       | CS-57769       | SampT                   | ype: LC        | S         | Tes         | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics |      |
| Client ID: LO       | CSS            | Batch                   | ID: 57         | 769       | F           | RunNo: 7  | 4917      |              |            |            |      |
| Prep Date:          | 1/27/2021      | Analysis D              | ate: 1/        | 28/2021   | S           | SeqNo: 2  | 644533    | Units: mg/K  | g          |            |      |
| Analyte             |                | Result                  | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |
| Diesel Range Org    | anics (DRO)    | 67                      | 10             | 50.00     | 0           | 133       | 68.9      | 141          |            |            |      |
| Surr: DNOP          |                | 6.5                     |                | 5.000     |             | 130       | 30.4      | 154          |            |            |      |
| Sample ID: 21       | 101967-001AMS  | SampT                   | уре: МS        | 5         | Tes         | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics |      |
| Client ID: SI       | P-1 1ft Bottom | Batch                   | ID: 57         | 769       | F           | RunNo: 7  | 4917      |              |            |            |      |
| Prep Date:          | 1/27/2021      | Analysis D              | ate: 1/        | 28/2021   | S           | SeqNo: 2  | 644534    | Units: mg/K  | g          |            |      |
| Analyte             |                | Result                  | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |
| Diesel Range Org    | ganics (DRO)   | 58                      | 9.1            | 45.54     | 0           | 127       | 15        | 184          |            |            |      |
| Surr: DNOP          |                | 5.8                     |                | 4.554     |             | 128       | 30.4      | 154          |            |            |      |
| Sample ID: 21       | 101967-001AMSI | SampT                   | уре: МS        | D         | Tes         | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics |      |
| Client ID: SI       | P-1 1ft Bottom | Batch                   | ID: 57         | 769       | F           | RunNo: 7  | 4917      |              |            |            |      |
| Prep Date:          | 1/27/2021      | Analysis D              | ate: 1/        | 28/2021   | S           | SeqNo: 2  | 644535    | Units: mg/K  | g          |            |      |
| Analyte             |                | Result                  | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |
| Diesel Range Org    | ganics (DRO)   | 60                      | 9.0            | 44.76     | 0           | 135       | 15        | 184          | 4.58       | 23.9       |      |
| Surr: DNOP          |                | 6.1                     |                | 4.476     |             | 136       | 30.4      | 154          | 0          | 0          |      |

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RL Reporting Limit

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| Client:<br>Project:        | •                 | Environme<br>Draw 181 SV |               | olutions      |             |             |            |              |           |          |      |
|----------------------------|-------------------|--------------------------|---------------|---------------|-------------|-------------|------------|--------------|-----------|----------|------|
| Sample ID:                 | : lcs-57765       | SampTy                   | pe: LC        | S             | Tes         | tCode: El   | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | LCSS              | Batch                    | ID: <b>57</b> | 765           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/27/2021         | Analysis Da              | ite: 1/       | 29/2021       | 5           | SeqNo: 2    | 645737     | Units: mg/Kg | g         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| Gasoline Rang<br>Surr: BFB | ge Organics (GRO) | 24<br>1100               | 5.0           | 25.00<br>1000 | 0           | 97.9<br>107 | 80<br>75.3 | 120<br>105   |           |          | S    |
| Sample ID:                 | : mb-57765        | SampTy                   | pe: ME        | BLK           | Tes         | tCode: E    | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | PBS               | Batch                    | ID: 57        | 765           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/27/2021         | Analysis Da              | ite: 1/       | 29/2021       | S           | SeqNo: 2    | 645738     | Units: mg/Kg | g         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| Gasoline Rang<br>Surr: BFB | ge Organics (GRO) | ND<br>960                | 5.0           | 1000          |             | 95.8        | 75.3       | 105          |           |          |      |
| Sample ID:                 | : 2101967-002ams  | SampTy                   | ре: МS        | 6             | Tes         | tCode: E    | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | SP-2 1ft Bottom   | Batch                    | ID: 57        | 765           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/27/2021         | Analysis Da              | ite: 1/       | 29/2021       | S           | SeqNo: 2    | 646037     | Units: mg/Kg | g         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| -                          | ge Organics (GRO) | 25                       | 4.9           | 24.32         | 0           | 105         | 61.3       | 114          |           |          | _    |
| Surr: BFB                  |                   | 1100                     |               | 972.8         |             | 111         | 75.3       | 105          |           |          | S    |
| Sample ID:                 | 2101967-002amsd   | I SampTy                 | pe: <b>MS</b> | SD            | Tes         | tCode: El   | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | SP-2 1ft Bottom   | Batch                    | ID: 57        | 765           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/27/2021         | Analysis Da              | ite: 1/       | 29/2021       | 5           | SeqNo: 2    | 646038     | Units: mg/Kg | g         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| -                          | ge Organics (GRO) | 24                       | 4.8           | 24.08         | 0           | 101         | 61.3       | 114          | 4.39      | 20       | 0    |
| Surr: BFB                  |                   | 1000                     |               | 963.4         |             | 109         | 75.3       | 105          | 0         | 0        | S    |
| Sample ID:                 | : lcs-57723       | SampTy                   | pe: <b>LC</b> | S             | Tes         | tCode: El   | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | LCSS              | Batch                    | ID: <b>57</b> | 723           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/25/2021         | Analysis Da              | ite: 1/       | 30/2021       | S           | SeqNo: 2    | 646074     | Units: %Rec  | 2         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| Surr: BFB                  |                   | 1100                     |               | 1000          |             | 107         | 75.3       | 105          |           |          | S    |
| Sample ID:                 | : mb-57723        | SampTy                   | pe: <b>ME</b> | BLK           | Tes         | tCode: E    | PA Method  | 8015D: Gasol | line Rang | e        |      |
| Client ID:                 | PBS               | Batch                    | ID: 57        | 723           | F           | RunNo: 7    | 4945       |              |           |          |      |
| Prep Date:                 | 1/25/2021         | Analysis Da              | ite: 1/       | 30/2021       | S           | SeqNo: 2    | 646078     | Units: %Rec  | ;         |          |      |
| Analyte                    |                   | Result                   | PQL           | SPK value     | SPK Ref Val | %REC        | LowLimit   | HighLimit    | %RPD      | RPDLimit | Qual |
| Surr: BFB                  |                   | 950                      |               | 1000          |             | 94.6        | 75.3       | 105          |           |          |      |

Qualifiers:

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D Sample Diluted Due to Matrix

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|   | ety & Environm<br>ftton Draw 181  |   | olutions  |   |   |   |  |   |                      |      |
|---|---|---|---|---|---|---|--|---|----------------------|------|
| Sample ID: LCS-57765  | Samp  | Type: LC  | S   | Test  | tCode: EF   | PA Method   | 8021B: Volat   | iles  |                      |      |
| Client ID: LCSS   | Bato  | ch ID: 57   | 765   | R   | unNo: 74  | 4945  |  |   |                      |      |
| Prep Date: 1/27/2021  | Analysis I  | Date: 1/  | 29/2021   | S   | eqNo: 20  | 645742  | Units: mg/K  | (g  |                      |      |
| Analyte   | Result  | PQL   | SPK value   | SPK Ref Val   | %REC  | LowLimit  | HighLimit  | %RPD  | RPDLimit             | Qual |
| Benzene   | 0.97  | 0.025   | 1.000   | 0   | 96.9  | 80  | 120  |   |                      |      |
| Toluene   | 0.99  | 0.050   | 1.000   | 0   | 98.8  | 80  | 120  |   |                      |      |
| Ethylbenzene  | 0.98  | 0.050   | 1.000   | 0   | 98.0  | 80  | 120  |   |                      |      |
| Xylenes, Total  | 2.9   | 0.10  | 3.000   | 0   | 97.6  | 80  | 120  |   |                      |      |
| Surr: 4-Bromofluorobenzene  | e 1.0   |   | 1.000   |   | 101   | 80  | 120  |   |                      |      |
| Sample ID: mb-57765   | Samp  | Туре: МЕ  | BLK   | Test  | Code: EF  | PA Method   | 8021B: Volat   | iles  |                      |      |
| Client ID: PBS  | Bato  | ch ID: 57   | 765   | R   | unNo: 74  | 4945  |  |   |                      |      |
| Prep Date: 1/27/2021  | Analysis I  | Date: 1/  | 29/2021   | S   | eqNo: 20  | 645743  | Units: mg/K  | g   |                      |      |
| Analyte   | Result  | PQL   | SPK value   | SPK Ref Val   | %REC  | LowLimit  | HighLimit  | %RPD  | RPDLimit             | Qual |
| Benzene   | ND  | 0.025   |   |   |   |   |  |   |                      |      |
| Toluene   | ND  | 0.050   |   |   |   |   |  |   |                      |      |
| Ethylbenzene  | ND  | 0.050   |   |   |   |   |  |   |                      |      |
| Xylenes, Total  | ND  | 0.10  |   |   |   |   |  |   |                      |      |
| Surr: 4-Bromofluorobenzene  | e 0.99  |   | 1.000   |   | 99.2  | 80  | 120  |   |                      |      |
|   |   |   |   |   |   |   |  |   |                      |      |
| Sample ID: 2101967-00   | 1ams Samp   | SampType: MS TestCode: EPA Method 8021B: Volatiles  |   |   |   |   |  |   |                      |      |
| Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bo   |   | Type: <b>MS</b><br>ch ID: <b>57</b>   |   |   | Code: Ef  |   | 8021B: Volat   | lles  |                      |      |
|   |   | ch ID: 57   | 765   | R   |   | 4945  | Units: mg/K  |   |                      |      |
| Client ID: SP-1 1ft Bot   | ttom Bato   | ch ID: 57   | 765<br>29/2021  | R   | unNo: 74  | 4945  |  |   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bo<br>Prep Date: 1/27/2021  | ttom Bato<br>Analysis I   | ch ID: 57   | 765<br>29/2021  | R   | unNo: 74<br>eqNo: 26  | 4945<br>646088  | Units: mg/K  | g   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte  | ttom Bato<br>Analysis I<br>Result   | ch ID: <b>57</b><br>Date: <b>1/</b><br>PQL  | 765<br>29/2021<br>SPK value   | R<br>S<br>SPK Ref Val   | unNo: 74<br>ieqNo: 20<br>%REC   | 4945<br>646088<br>LowLimit  | Units: <b>mg/K</b><br>HighLimit  | g   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bo<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene  | ttom Bato<br>Analysis I<br>Result<br>0.93   | ch ID: <b>57</b><br>Date: <b>1/</b><br>PQL<br>0.024   | 765<br>29/2021<br>SPK value<br>0.9597   | R<br>S<br>SPK Ref Val<br>0  | 2unNo: 74<br>6eqNo: 20<br>%REC<br>96.4  | <b>4945</b><br>646088<br>LowLimit<br>76.3   | Units: <b>mg/K</b><br>HighLimit<br>120   | g   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene  | ttom Bato<br>Analysis I<br>Result<br>0.93<br>0.95   | ch ID: <b>57</b><br>Date: <b>1/</b><br>PQL<br>0.024<br>0.048  | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597   | R<br>S<br>SPK Ref Val<br>0<br>0                                       | tunNo: 74<br>SeqNo: 26<br>%REC<br>96.4<br>98.7  | 4945<br>646088<br>LowLimit<br>76.3<br>78.5  | Units: <b>mg/K</b><br>HighLimit<br>120<br>120  | g   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene  | ttom Bato<br>Analysis I<br>Result<br>0.93<br>0.95<br>0.96<br>2.9  | ch ID: 577<br>Date: 1/2<br>PQL<br>0.024<br>0.048<br>0.048   | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>0.9597   | R<br>S<br>SPK Ref Val<br>0<br>0<br>0                                  | unNo: 74<br>aeqNo: 20<br><u>%REC</u><br>96.4<br>98.7<br>99.8  | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1  | Units: <b>mg/K</b><br>HighLimit<br>120<br>120<br>124   | g   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total  | ttom Bato<br>Analysis I<br>Result<br>0.93<br>0.95<br>0.96<br>2.9<br>0.98  | ch ID: 577<br>Date: 1/2<br>PQL<br>0.024<br>0.048<br>0.048   | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>0.9597<br>2.879<br>0.9597  | R<br>S<br>SPK Ref Val<br>0<br>0<br>0<br>0                             | eunNo: 74<br>6eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102   | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80  | Units: <b>mg/K</b><br>HighLimit<br>120<br>120<br>124<br>125  | g<br>%RPD   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene  | ttom Bato<br>Analysis I<br>0.93<br>0.95<br>0.96<br>2.9<br>e 0.98<br>1amsd Samp  | ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.048<br>0.048<br>0.096  | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>0.9597<br>2.879<br>0.9597  | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Test                     | eunNo: 74<br>6eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102   | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method   | Units: <b>mg/K</b><br>HighLimit<br>120<br>120<br>124<br>125<br>120   | g<br>%RPD   | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene  | ttom Bato<br>Analysis I<br>0.93<br>0.95<br>0.96<br>2.9<br>e 0.98<br>1amsd Samp  | ch ID: <b>57</b><br>Date: <b>1</b> /<br>PQL<br>0.024<br>0.048<br>0.048<br>0.096<br>Type: <b>MS</b><br>ch ID: <b>57</b>                  | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>0.9597<br>5D<br>765                                   | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Test<br>R                     | eunNo: 74<br>eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>tCode: EF   | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945                                       | Units: <b>mg/K</b><br>HighLimit<br>120<br>120<br>124<br>125<br>120   | Sg<br>%RPD  | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene<br>Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bor  | ttom         Bato           Analysis         Analysis           Result         0.93           0.95         0.96           2.9         0.98           1amsd         Samp           ttom         Bato | ch ID: <b>57</b><br>Date: <b>1</b> /<br>PQL<br>0.024<br>0.048<br>0.048<br>0.096<br>Type: <b>MS</b><br>ch ID: <b>57</b>                  | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>35D<br>765<br>29/2021                                 | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Test<br>R                     | eunNo: 74<br>eqNo: 26<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>Code: EF<br>cunNo: 74   | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945                                       | Units: mg/K<br>HighLimit<br>120<br>120<br>124<br>125<br>120<br>8021B: Volat  | Sg<br>%RPD  | RPDLimit             | Qual |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene<br>Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021                                  | ttom Bato<br>Analysis I<br>Result<br>0.93<br>0.95<br>0.96<br>2.9<br>0.98<br>1amsd Samp<br>ttom Bato<br>Analysis I   | ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.048<br>0.048<br>0.048<br>0.096<br>Type: MS<br>ch ID: 57<br>Date: 1/                          | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>35D<br>765<br>29/2021                                 | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Tesi<br>R<br>S                | eunNo: 74<br>eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>cCode: EF<br>cunNo: 74<br>seqNo: 20                             | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945<br>646089                             | Units: mg/K<br>HighLimit<br>120<br>120<br>124<br>125<br>120<br>8021B: Volat<br>Units: mg/K                                   | Sg<br>%RPD<br>tiles   |                      |      |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene<br>Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte                       | ttom Bato<br>Analysis I<br>0.93<br>0.95<br>0.96<br>2.9<br>0.98<br>1amsd Samp<br>ttom Bato<br>Analysis I<br>Result   | ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.048<br>0.048<br>0.096<br>Type: MS<br>ch ID: 57<br>Date: 1/<br>PQL                            | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>2.879<br>0.9597<br>5D<br>765<br>29/2021<br>SPK value  | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Test<br>R<br>SPK Ref Val      | eunNo: 74<br>eqNo: 26<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>Code: EF<br>cunNo: 74<br>eqNo: 26<br>%REC                       | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945<br>646089<br>LowLimit                 | Units: <b>mg/K</b><br>HighLimit<br>120<br>120<br>124<br>125<br>120<br><b>8021B: Volat</b><br>Units: <b>mg/K</b><br>HighLimit | Sg<br>%RPD<br>iiles<br>Sg<br>%RPD                                 | RPDLimit             |      |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene<br>Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene            | ttom Bato<br>Analysis I<br>0.93<br>0.95<br>0.96<br>2.9<br>0.98<br>1amsd Samp<br>ttom Bato<br>Analysis I<br>Result<br>0.91   | ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.048<br>0.048<br>0.048<br>0.096<br>Type: MS<br>ch ID: 57<br>Date: 1/<br>PQL<br>0.024          | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>0.9597<br>5D<br>765<br>29/2021<br>SPK value<br>0.9756 | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Test<br>SPK Ref Val<br>0      | 2unNo: 74<br>3eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>Code: EF<br>3unNo: 74<br>3eqNo: 20<br>%REC<br>93.0             | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945<br>646089<br>LowLimit<br>76.3         | Units: mg/K<br>HighLimit<br>120<br>120<br>124<br>125<br>120<br>8021B: Volat<br>Units: mg/K<br>HighLimit<br>120               | 59<br>%RPD<br>tiles<br>59<br>%RPD<br>1.99                         | RPDLimit<br>20       |      |
| Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorobenzene<br>Sample ID: 2101967-00<br>Client ID: SP-1 1ft Bor<br>Prep Date: 1/27/2021<br>Analyte<br>Benzene<br>Toluene | ttom Bato<br>Analysis I<br>0.93<br>0.95<br>0.96<br>2.9<br>0.98<br>1amsd Samp<br>ttom Bato<br>Analysis I<br>Result<br>0.91<br>0.93   | ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.048<br>0.048<br>0.048<br>0.096<br>Type: MS<br>ch ID: 57<br>Date: 1/<br>PQL<br>0.024<br>0.024 | 765<br>29/2021<br>SPK value<br>0.9597<br>0.9597<br>2.879<br>0.9597<br>5D<br>765<br>29/2021<br>SPK value<br>0.9756<br>0.9756 | R<br>SPK Ref Val<br>0<br>0<br>0<br>0<br>Test<br>SPK Ref Val<br>0<br>0 | 2unNo: 74<br>3eqNo: 20<br>%REC<br>96.4<br>98.7<br>99.8<br>99.4<br>102<br>3cCode: Eff<br>3unNo: 74<br>3ceqNo: 20<br>%REC<br>93.0<br>95.0 | 4945<br>646088<br>LowLimit<br>76.3<br>78.5<br>78.1<br>79.3<br>80<br>PA Method<br>4945<br>646089<br>LowLimit<br>76.3<br>78.5 | Units: mg/K<br>HighLimit<br>120<br>120<br>124<br>125<br>120<br>8021B: Volat<br>Units: mg/K<br>HighLimit<br>120<br>120        | 2 <b>g</b><br>%RPD<br>iiles<br>2 <b>g</b><br>%RPD<br>1.99<br>2.20 | RPDLimit<br>20<br>20 |      |

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

| WO#: | 2101967 |
|------|---------|
|      |         |

| HALL<br>ENVIRONMENTAL<br>ANALYSIS<br>LABORATORY  | Hall Environmental Analysis Laboratory<br>4901 Hawkins NE<br>Albuquerque, NM 87109<br>TEL: 505-345-3975 FAX: 505-345-4107<br>Website: clients.hallenvironmental.com |       |              |     |       | Sample Log-In Check List                               |  |  |  |
|--|---|-------|--------------|-----|-------|--|--|--|--|
| Client Name: Safety & Environmental S  | Work Order Number   | : 210 | 1967         |     |       | RcptNo: 1  |  |  |  |
| Received By: Isaiah Ortiz  | 1/27/2021 7:35:00 AM  |       |              | I   | -0    | 2-15   |  |  |  |
| Completed By: Isaiah Ortiz   | 1/27/2021 8:41:10 AM  |       |              | I   | -0    | 22   |  |  |  |
| Reviewed By: JR 1 (27/21   |   |       |              |     |       |  |  |  |  |
| Chain of Custody   |   |       |              |     |       |  |  |  |  |
| 1. Is Chain of Custody complete?   |   | Yes   | V            | No  |       | Not Present  |  |  |  |
| 2. How was the sample delivered?   |   | Cou   | rier         |     |       |  |  |  |  |
| Log In   |   |       |              |     | _     |  |  |  |  |
| 3. Was an attempt made to cool the samples?  |   | Yes   |              | No  |       | NA 🗌   |  |  |  |
| 4. Were all samples received at a temperature of   | >0° C to 6.0°C  | Yes   |              | No  |       |  |  |  |  |
| 5. Sample(s) in proper container(s)?   |   | Yes   |              | No  |       |  |  |  |  |
| 6. Sufficient sample volume for indicated test(s)?                                       |   | Yes   |              | No  |       |  |  |  |  |
| 7. Are samples (except VOA and ONG) properly   | preserved?  | Yes   | $\checkmark$ | No  |       |  |  |  |  |
| 8. Was preservative added to bottles?  |   | Yes   |              | No  | ✓     | NA 🗌   |  |  |  |
| 9. Received at least 1 vial with headspace <1/4" f                                       | or AQ VOA?  | Yes   |              | No  |       |  |  |  |  |
| 10. Were any sample containers received broken?  |   | Yes   |              | No  | ~     | # of preserved   |  |  |  |
| 1. Does paperwork match bottle labels?<br>(Note discrepancies on chain of custody)       |   | Yes   |              | No  |       | bottles checked<br>for pH:<br>(<2 or >12 unless noted) |  |  |  |
| 2. Are matrices correctly identified on Chain of Cu                                      | istodv?   | Yes   |              | No  |       | Adjusted?  |  |  |  |
| 3. Is it clear what analyses were requested?   |   | Yes   |              | No  |       |  |  |  |  |
| 4. Were all holding times able to be met?<br>(If no, notify customer for authorization.) |   |       |              | No  |       | Checked by: SGC (27/2)                                 |  |  |  |
| Special Handling (if applicable)   |   |       |              |     |       |  |  |  |  |
| 15. Was client notified of all discrepancies with thi                                    | s order?  | Yes   |              | No  |       | NA 🗹   |  |  |  |
| Person Notified:   | Date:   |       |              | -   |       |  |  |  |  |
| By Whom:   | Via:  | eM    | ail 🔲 Phone  | e 🗌 | ] Fax | In Person  |  |  |  |
| Regarding:   |   |       |              |     | -     |  |  |  |  |
| Client Instructions:   |   |       |              |     |       |  |  |  |  |
| 16. Additional remarks:  |   |       |              |     |       |  |  |  |  |
|  | Intact Seal No S  | eal D | ate Sig      | ned | Ву    |  |  |  |  |

Page 1 of 1

| Received by OCD: 3/9/2023 7:0  | 6:42 AM   |   | Page 41 of 10   |
|--|---|---|---|
| HALL ENVIRONMENTAL<br>ANALYSIS LABORATORY<br>www.hallenvironmental.com<br>kins NE - Albuquerque, NM 87109<br>345-3975 Fax 505-345-4107<br>Analysis Request | Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub><br>B260 (VOA)<br>B270 (Semi-VOA)<br>Total Coliform (Present/Absent)<br>MMM M |   | Date     Time     Remarks:       Date     Time       Date     Time  |
| ALL<br>VAL<br>ww.ha<br>NE - 3975   | CRA 8 Metals  |   |   |
| HALL<br>ANAL<br>www.ha<br>4901 Hawkins NE<br>Tel. 505-345-3975   | EDB (Method 504.1)<br>PAHs by 8310 or 8270SIMS  |   | -   |
| 4901 Ha  | 8081 Pesticides/8082 PCB's  |   | ;;  |
|  | ВТЕХ / МТВЕ / ТМВ's (8021)<br>ТРН:8015D(GRO / DRO / МRO)  |   | Remarks   |
|  |   | -99709-00   |   |
| 181 Surs   | Lo Lo Lo La   | 200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200<br>200  | - N   |
| ime:   | I Yes<br>Preserval<br>Type  | ron lar   | Via:<br>Via:  |
| Turn-Around T<br>B-Standard<br>Project Name:<br>Cofford Man  | Project Manager:  |   | Received by:<br>Received by:<br>T   |
| Chain-of-Custody Record<br>Subty + En Monwould<br>Sebutions<br>g Address: 703 C. Clenton<br>EDDS N.W. 88220<br>e#: 575-397-0510                            | ge: Level 4 (Full Validation)<br>: Az Compliance<br>Other<br>e)<br>Matrix Sample Name   | 5 7 5 7 1 F 12 then<br>5 7 5 5 7 1 F 12 then<br>5 5 5 5 7 5 1 F 7 2 then<br>5 5 5 5 7 5 1 F 7 2 then<br>5 5 5 7 5 7 5 6 6 2 2 2 1 F 7 2 then<br>5 5 5 7 5 7 5 6 6 2 2 2 1 F 7 2 then<br>5 5 5 7 5 7 5 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 2 then<br>5 5 5 5 7 5 7 6 2 2 2 1 F 7 2 2 then<br>5 5 5 5 7 5 7 6 2 2 2 2 1 F 7 2 2 then<br>5 5 5 5 7 5 7 6 2 2 2 2 1 F 7 2 2 then<br>5 5 5 5 7 5 7 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Time: Relinquished by: Keceived by: Via: U630 PSA ALM Received by: Via: Time: Relinquished by: Time: Repéived by: Via: 1900 Time: Relinquished by: Via: |
| Chain-o<br>Client: School<br>Mailing Address:<br>Phone #: 575  | email or Fax#:<br>QA/QC Package:<br>Accreditation:<br>Date Time   | 125 (015<br>125 (035<br>1210<br>1210<br>1210<br>1210<br>1210  | Date: Time:<br>Date: Time:<br>Date: Time:<br>[2624 1900]  |



September 25, 2020

Bob Allen Safety & Environmental Solutions PO Box 1613 Hobbs, NM 88241 TEL: (575) 397-0510 FAX (575) 393-4388

RE: Devon Cotton Draw 181 SWD

OrderNo.: 2009B07

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/18/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

2009B07-001

**Project:** 

Lab ID:

Analyses

**Analytical Report** Lab Order 2009B07

Date Reported: 9/25/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-3 1ft Devon Cotton Draw 181 SWD Collection Date: 9/15/2020 9:55:00 AM Matrix: SOIL Received Date: 9/18/2020 8:00:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch . \_ \_ \_ \_ .

| EPA METHOD 300.0: ANIONS            |        |          |       |    | Analyst              | MRA   |
|-------------------------------------|--------|----------|-------|----|----------------------|-------|
| Chloride                            | 130    | 60       | mg/Kg | 20 | 9/25/2020 2:34:41 AM | 55435 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |       |    | Analyst              | BRM   |
| Diesel Range Organics (DRO)         | ND     | 9.5      | mg/Kg | 1  | 9/22/2020 6:20:39 PM | 55318 |
| Motor Oil Range Organics (MRO)      | ND     | 47       | mg/Kg | 1  | 9/22/2020 6:20:39 PM | 55318 |
| Surr: DNOP                          | 144    | 30.4-154 | %Rec  | 1  | 9/22/2020 6:20:39 PM | 55318 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |       |    | Analyst              | NSB   |
| Gasoline Range Organics (GRO)       | ND     | 4.8      | mg/Kg | 1  | 9/23/2020 4:01:24 AM | 55300 |
| Surr: BFB                           | 89.4   | 75.3-105 | %Rec  | 1  | 9/23/2020 4:01:24 AM | 55300 |
| EPA METHOD 8021B: VOLATILES         |        |          |       |    | Analyst              | NSB   |
| Benzene                             | ND     | 0.024    | mg/Kg | 1  | 9/23/2020 4:01:24 AM | 55300 |
| Toluene                             | ND     | 0.048    | mg/Kg | 1  | 9/23/2020 4:01:24 AM | 55300 |
| Ethylbenzene                        | ND     | 0.048    | mg/Kg | 1  | 9/23/2020 4:01:24 AM | 55300 |
| Xylenes, Total                      | ND     | 0.096    | mg/Kg | 1  | 9/23/2020 4:01:24 AM | 55300 |
| Surr: 4-Bromofluorobenzene          | 103    | 80-120   | %Rec  | 1  | 9/23/2020 4:01:24 AM | 55300 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Lab ID:

Analytical Report Lab Order 2009B07

Date Reported: 9/25/2020

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2009B07-002

Devon Cotton Draw 181 SWD

Client Sample ID: H- North Collection Date: 9/15/2020 11:30:00 AM Received Date: 9/18/2020 8:00:00 AM

| Analyses                            | Result  | RL       | Qual 1 | Units | DF | Date Analyzed        | Batch |
|-------------------------------------|---------|----------|--------|-------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS            |         |          |        |       |    | Analyst              | MRA   |
| Chloride                            | ND      | 60       |        | mg/Kg | 20 | 9/25/2020 2:47:06 AM | 55435 |
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS |          |        |       |    | Analyst              | BRM   |
| Diesel Range Organics (DRO)         | ND      | 9.7      |        | mg/Kg | 1  | 9/22/2020 6:30:42 PM | 55318 |
| Motor Oil Range Organics (MRO)      | ND      | 48       |        | mg/Kg | 1  | 9/22/2020 6:30:42 PM | 55318 |
| Surr: DNOP                          | 126     | 30.4-154 |        | %Rec  | 1  | 9/22/2020 6:30:42 PM | 55318 |
| EPA METHOD 8015D: GASOLINE RANGE    |         |          |        |       |    | Analyst              | : NSB |
| Gasoline Range Organics (GRO)       | ND      | 4.8      |        | mg/Kg | 1  | 9/23/2020 4:24:48 AM | 55300 |
| Surr: BFB                           | 87.4    | 75.3-105 |        | %Rec  | 1  | 9/23/2020 4:24:48 AM | 55300 |
| EPA METHOD 8021B: VOLATILES         |         |          |        |       |    | Analyst              | : NSB |
| Benzene                             | ND      | 0.024    |        | mg/Kg | 1  | 9/23/2020 4:24:48 AM | 55300 |
| Toluene                             | ND      | 0.048    |        | mg/Kg | 1  | 9/23/2020 4:24:48 AM | 55300 |
| Ethylbenzene                        | ND      | 0.048    |        | mg/Kg | 1  | 9/23/2020 4:24:48 AM | 55300 |
| Xylenes, Total                      | ND      | 0.097    |        | mg/Kg | 1  | 9/23/2020 4:24:48 AM | 55300 |
| Surr: 4-Bromofluorobenzene          | 101     | 80-120   |        | %Rec  | 1  | 9/23/2020 4:24:48 AM | 55300 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

Analyte

Chloride

PQL

1.5

Result

14

|                   | Safety & Environmental Solutions<br>Devon Cotton Draw 181 SWD |                             |                              |
|-------------------|---|-----------------------------|------------------------------|
| Sample ID: MB-554 | 35 SampType: mblk   | TestCode: EPA Method 3      | 300.0: Anions                |
| Client ID: PBS    | Batch ID: 55435   | RunNo: 72148                |                              |
| Prep Date: 9/24/2 | 020 Analysis Date: 9/24/2020                                  | SeqNo: 2529091              | Units: mg/Kg                 |
| Analyte           | Result PQL SPK value  | e SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual |
| Chloride          | ND 1.5  |                             |                              |
| Sample ID: LCS-55 | 435 SampType: Ics   | TestCode: EPA Method 3      | 300.0: Anions                |
| Client ID: LCSS   | Batch ID: 55435   | RunNo: 72148                |                              |
| Prep Date: 9/24/2 | 020 Analysis Date: 9/24/2020                                  | SeqNo: 2529092              | Units: mg/Kg                 |

SPK value SPK Ref Val %REC

0

15.00

#### Qualifiers:

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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2009B07

25-Sep-20

WO#:

RPDLimit

Qual

%RPD

HighLimit

110

LowLimit

90

92.4

| Client:<br>Project: | •                 | <ul> <li>&amp; Environmenta</li> <li>1 Cotton Draw 18</li> </ul> |                    |             |           |           |              |           |            |      |
|---------------------|-------------------|--|--------------------|-------------|-----------|-----------|--------------|-----------|------------|------|
| Sample ID:          | LCS-55318         | SampType   | e: LCS             | Test        | tCode: EP | PA Method | 8015M/D: Die | sel Range | e Organics |      |
| Client ID:          | LCSS              | Batch ID   | 55318              | R           | lunNo: 72 | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | 9/22/2020          | S           | eqNo: 25  | 524682    | Units: mg/K  | 9         |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| -                   | Organics (DRO)    | 60   | 10 50.00           | 0           | 119       | 70        | 130          |           |            |      |
| Surr: DNOP          |                   | 3.7  | 5.000              |             | 74.6      | 30.4      | 154          |           |            |      |
| Sample ID:          | LCS-55322         | SampType   | e: LCS             | Test        | tCode: EP | PA Method | 8015M/D: Die | sel Range | • Organics |      |
| Client ID:          | LCSS              | Batch ID   | 55322              | R           | lunNo: 72 | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | 9/22/2020          | S           | eqNo: 25  | 524684    | Units: %Rec  |           |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| Surr: DNOP          |                   | 4.0  | 5.000              |             | 80.5      | 30.4      | 154          |           |            |      |
| Sample ID:          | LCS-55325         | SampType   | e: LCS             | Test        | tCode: EP | A Method  | 8015M/D: Die | sel Range | e Organics |      |
| Client ID:          | LCSS              | Batch ID   | 55325              | R           | unNo: 72  | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | : <b>9/23/2020</b> | S           | eqNo: 25  | 524685    | Units: %Rec  |           |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| Surr: DNOP          |                   | 4.6  | 5.000              |             | 92.7      | 30.4      | 154          |           |            |      |
| Sample ID:          | MB-55318          | SampType   | : MBLK             | Test        | tCode: EF | A Method  | 8015M/D: Die | sel Range | e Organics |      |
| Client ID:          | PBS               | Batch ID   | 55318              | R           | unNo: 72  | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | : <b>9/22/2020</b> | S           | eqNo: 25  | 524687    | Units: mg/K  | g         |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| -                   | Organics (DRO)    | ND   | 10                 |             |           |           |              |           |            |      |
|                     | ge Organics (MRO) | ND<br>7.2  | 50                 |             | 70.0      | 20.4      | 154          |           |            |      |
| Surr: DNOP          |                   | 1.2  | 10.00              |             | 72.3      | 30.4      | 154          |           |            | 1    |
| Sample ID:          | MB-55322          | SampType   | e: MBLK            | Test        | tCode: EP | PA Method | 8015M/D: Die | sel Range | e Organics |      |
| Client ID:          | PBS               | Batch ID   | 55322              | R           | RunNo: 72 | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | : <b>9/22/2020</b> | S           | eqNo: 25  | 524688    | Units: %Rec  |           |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| Surr: DNOP          |                   | 8.6  | 10.00              |             | 86.2      | 30.4      | 154          |           |            |      |
| Sample ID:          | MB-55325          | SampType   | e: MBLK            | Test        | tCode: EP | PA Method | 8015M/D: Die | sel Range | e Organics |      |
| Client ID:          | PBS               | Batch ID   | 55325              | R           | unNo: 72  | 2063      |              |           |            |      |
| Prep Date:          | 9/21/2020         | Analysis Date  | 9/22/2020          | S           | eqNo: 25  | 524689    | Units: %Rec  |           |            |      |
| Analyte             |                   | Result P   | QL SPK value       | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD      | RPDLimit   | Qual |
| Surr: DNOP          |                   | 9.1  | 10.00              |             | 90.9      | 30.4      | 154          |           |            |      |

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 46 of 105

| W | O#: | 2009  | 9B07 |
|---|-----|-------|------|
|   |     | 25 6. | - 20 |

| •   | & Environmental Solutions<br>Cotton Draw 181 SWD |  |     |  |  |  |
|---|--|--|-----|--|--|--|
| Sample ID: mb-55300         SampType: MBLK         TestCode: EPA Method 8015D: Gasoline Range |  |  |     |  |  |  |
| Client ID: PBS  | Batch ID: 55300                                  | RunNo: 72044   |     |  |  |  |
| Prep Date: 9/21/2020  | Analysis Date: 9/23/2020                         | SeqNo: 2523843 Units: mg/Kg                          |     |  |  |  |
| Analyte   | Result PQL SPK value                             | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qu | ıal |  |  |  |
| Gasoline Range Organics (GRO)   | ND 5.0   |  |     |  |  |  |
| Surr: BFB   | 850 1000   | 84.9 75.3 105  |     |  |  |  |
| Sample ID: Ics-55300  | SampType: LCS                                    | TestCode: EPA Method 8015D: Gasoline Range           |     |  |  |  |
| Client ID: LCSS   | Batch ID: 55300                                  | RunNo: 72044   |     |  |  |  |
| Prep Date: 9/21/2020  | Analysis Date: 9/22/2020                         | SeqNo: 2523844 Units: mg/Kg                          |     |  |  |  |

| 1 1ep Date. 3/21/2020 |                               | Analysis Date. 3/22/2020 Sequel. 2323044 Units. Ingreg |     |           |             |      |          |           |      |          |      |   |
|-----------------------|-------------------------------|--|-----|-----------|-------------|------|----------|-----------|------|----------|------|---|
|                       | Analyte                       | Result   | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |   |
|                       | Gasoline Range Organics (GRO) | 23   | 5.0 | 25.00     | 0           | 90.4 | 72.5     | 106       |      |          |      | _ |
|                       | Surr: BFB                     | 960  |     | 1000      |             | 96.0 | 75.3     | 105       |      |          |      |   |

Qualifiers:

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2009B07

25-Sep-20

WO#:

# **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

|   | fety & Environn<br>evon Cotton Dra |           |           |                                       |                   |           |              |      |          |      |  |
|---|------------------------------------|-----------|-----------|---------------------------------------|-------------------|-----------|--------------|------|----------|------|--|
| Sample ID: mb-55300                           | Samp                               | Type: ME  | BLK       | TestCode: EPA Method 8021B: Volatiles |                   |           |              |      |          |      |  |
| Client ID: PBS                                | Bate                               | ch ID: 55 | 300       | RunNo: 72044                          |                   |           |              |      |          |      |  |
| Prep Date: 9/21/2020 Analysis Date: 9/23/2020 |                                    | S         | SeqNo: 2  | 523891                                | Units: mg/K       | (g        |              |      |          |      |  |
| Analyte                                       | Result                             | PQL       | SPK value | SPK Ref Val                           | %REC              | LowLimit  | HighLimit    | %RPD | RPDLimit | Qual |  |
| Benzene                                       | ND                                 | 0.025     |           |                                       |                   |           |              |      |          |      |  |
| Toluene                                       | ND                                 | 0.050     |           |                                       |                   |           |              |      |          |      |  |
| Ethylbenzene                                  | ND                                 | 0.050     |           |                                       |                   |           |              |      |          |      |  |
| Xylenes, Total                                | ND                                 | 0.10      |           |                                       |                   |           |              |      |          |      |  |
| Surr: 4-Bromofluorobenzer                     | ne 1.0                             |           | 1.000     |                                       | 102               | 80        | 120          |      |          |      |  |
| Sample ID: LCS-55300                          | Samp                               | Type: LC  | s         | Tes                                   | tCode: El         | PA Method | 8021B: Volat | iles |          |      |  |
| Client ID: LCSS                               | Bate                               | ch ID: 55 | 300       | F                                     | RunNo: <b>7</b> 2 | 2044      |              |      |          |      |  |
| Prep Date: 9/21/2020                          | Analysis                           | Date: 9/  | 22/2020   | 5                                     | SeqNo: 2          | 523892    | Units: mg/K  | íg   |          |      |  |
| Analyte                                       | Result                             | PQL       | SPK value | SPK Ref Val                           | %REC              | LowLimit  | HighLimit    | %RPD | RPDLimit | Qual |  |
| Benzene                                       | 0.89                               | 0.025     | 1.000     | 0                                     | 89.2              | 80        | 120          |      |          |      |  |
| Toluene                                       | 0.92                               | 0.050     | 1.000     | 0                                     | 91.6              | 80        | 120          |      |          |      |  |
| Ethylbenzene                                  | 0.93                               | 0.050     | 1.000     | 0                                     | 92.8              | 80        | 120          |      |          |      |  |
| Xylenes, Total                                | 2.8                                | 0.10      | 3.000     | 0                                     | 92.9              | 80        | 120          |      |          |      |  |
| Surr: 4-Bromofluorobenzer                     | ne 1.0                             |           | 1.000     |                                       | 101               | 80        | 120          |      |          |      |  |

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6

2009B07

25-Sep-20

WO#:

| HALL<br>ENVIRONMENTAL<br>ANALYSIS<br>LABORATORY  | TEL: 505            |             | 01 Hawkins<br>nue, NM 87<br>505-345-4 | NE<br>109 <b>Sam</b><br>107 | ple Log-In Check List      |
|--|---------------------|-------------|---------------------------------------|-----------------------------|----------------------------|
| Client Name: Safety & Environmental<br>Solutions   | Work Order          | Number: 200 | 9B07                                  |                             | RcptNo: 1                  |
| Received By: Cheyenne Cason  | 9/18/2020 8:0       | 0:00 AM     |                                       |                             |                            |
| Completed By: Juan Rojas   | 9/18/2020 10        | 19:04 AM    |                                       | Guana g                     |                            |
| Reviewed By: CM 9/18/2   | 0                   |             |                                       | 4 m (1991)                  |                            |
| Chain of Custody   |                     |             |                                       |                             |                            |
| 1. Is Chain of Custody complete?   |                     | Yes         |                                       | No 🗌                        | Not Present                |
| 2. How was the sample delivered?   |                     | Cou         | rier                                  |                             |                            |
| Log In   | 2.1                 |             |                                       |                             |                            |
| <ol><li>Was an attempt made to cool the sample</li></ol>                                 | 57                  | Yes         |                                       | No 🛄                        | NA 🛄                       |
| 4. Were all samples received at a temperatu  | re of >0° C to 6.0° | C Yes       |                                       | No 🗌                        |                            |
| 5. Sample(s) in proper container(s)?   |                     | Yes         |                                       | No 🗌                        |                            |
| 5. Sufficient sample volume for indicated tes  | t(s)?               | Yes         |                                       | No 🗌                        |                            |
| Are samples (except VOA and ONG) prop  | erly preserved?     | Yes         |                                       | No 🗌                        |                            |
| 8. Was preservative added to bottles?  |                     | Yes         |                                       | No 🔽                        | NA 🗌                       |
| ). Received at least 1 vial with headspace <   | /4" for AQ VOA?     | Yes         |                                       | No 🗌                        | NA 🗹                       |
| ), Were any sample containers received bro   | ken?                | Yes         |                                       | No 🗹                        | # of preserved             |
| 1. Does paperwork match bottle labels?<br>(Note discrepancies on chain of custody)       |                     | Yes         | <b>V</b>                              | No 🗌                        | bottles checked<br>for pH: |
| Are matrices correctly identified on Chain   | of Custody?         | Yes         | V                                     | No 🗌                        | Adjusted?                  |
| 3. Is it clear what analyses were requested?   |                     | Yes         | V                                     | No 🗌                        | allala                     |
| 4. Were all holding times able to be met?<br>(If no, notify customer for authorization.) |                     | Yes         |                                       | No 🗌                        | Checked by: Circ 9/18/0    |
| oecial Handling (if applicable)  |                     |             |                                       |                             |                            |
| 5. Was client notified of all discrepancies wit  | h this order?       | Yes         |                                       | No 🗌                        | NA 🗹                       |
| Person Notified:   |                     | Date        |                                       |                             |                            |
| By Whom:   |                     | Via: 🗌 eM   | ail 🗌 Ph                              | none 🗌 Fax                  | In Person                  |
| Regarding:   |                     | E.A.        |                                       |                             |                            |
| Client Instructions:   |                     |             |                                       |                             |                            |
| 6. Additional remarks:   |                     |             |                                       |                             |                            |
| 7. Cooler Information  |                     |             |                                       |                             |                            |
|  | Seal Intact Seal    | No Seal D   | ate s                                 | Signed By                   |                            |
| 1 5.0 Good   |                     |             |                                       |                             |                            |

Page 1 of 1

| Received by OCD: 3/9/2023 7:  | 06:42 AM   | Page 50 of 10  |
|---|--|--|
| TOR   |  |  |
| HALL ENVIRONMENTAL<br>ANALYSIS LABORATOR<br>www.hallenvironmental.com<br>kins NE - Albuquerque, NM 87109<br>345-3975 Fax 505-345-4107<br>Analysis Request | Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> S260 (VOA)       Total Coliform (Present/Absent)       Total Coliform (Present/Absent)  |  |
| ALN<br>ALN<br>w.halle<br>NE - ,<br>975<br>An  | BILL BY NO NO 200  | Biel to Deven  |
| HALL<br>ANAL<br>www.ha<br>4901 Hawkins NE<br>Tel. 505-345-3975  | SMIS0728 by 8310 or 8270SIMS   | - P  |
| Haw<br>505-:  | EDB (Method 504.1)   | J. J.  |
| 4901<br>Tel.  |  |  |
|   | (10021) SIGNATE / MTBE / TMB's (8021)  | Remarks  |
| Turn-Around Time: 5 Day<br>Erstandard Day<br>Project Name: Devery<br>(UTTon Druw 181 SwD<br>Project #:<br>Project #:                                      | Project Manager:<br>All Leu Sub<br>Sampler: Do Sn. Hurt<br>On Ice: D Sn. Hurt<br>Coolers:<br>Cooler Temp <sub>(notuding CF)</sub> ; 4. 4. 4. 6. 7. 0 (°C)<br>Cooler Temp <sub>(notuding CF)</sub> ; 4. 4. 4. 6. 7. 0 (°C)<br>Type and # Type.<br>Type and # HEAL No.<br>Type and # HEAL No.  | Time:     Relinquished by:     Nia:     Date     Time       DBO     Date     Time     Remarks:       DBO     Date     Time     Remarks:       DBO     Date     Time       Time:     Relinquished by:     Via:0       Date     Time       Received by:     Via:0       Date     Time       Reinquished by:     Curr       Curr     Curr       Curr     Curr |
| Client: Schert Gruhmmehl<br>Client: Schert Gruhmmehl<br>Schertisce<br>Mailing Address: 703 5. Churten<br>Kelhs N. W. 88240<br>Phone #: 575-397-0510       | r Fax#:<br>Package:<br>dardLevel 4 (Full Validation)<br>tation:Az Compliance<br>ACAz Compliance<br>AC | Time: Retinquished by:   |
| Client:   | email or Fax#:<br>QA/QC Package:<br>D-Standard<br>Accreditation:<br>D EDD (Type)<br>Date<br>Time<br>(1/5 0455<br>(1/30   | Date: 1  |
|   |  |  |



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

August 05, 2020

Bob Allen Safety & Environmental Solutions PO Box 1613 Hobbs, NM 88241 TEL: (575) 397-0510 FAX (575) 393-4388

RE: Devon Cotton Draw 181 SWD

OrderNo.: 2007E37

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 33 sample(s) on 7/29/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

Analytical Report Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-001

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020

Client Sample ID: AH-1 H-North Collection Date: 7/23/2020 11:55:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                               | Result | RL       | Qual | Units | DF | Date Analyzed        | Batch |
|--|--------|----------|------|-------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS               |        |          |      |       |    | Analyst              | CJS   |
| Chloride                               | 200    | 60       |      | mg/Kg | 20 | 8/3/2020 4:26:15 PM  | 54133 |
| EPA METHOD 8015D MOD: GASOLINE RANGE   |        |          |      |       |    | Analyst              | DJF   |
| Gasoline Range Organics (GRO)          | ND     | 4.8      |      | mg/Kg | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Surr: BFB                              | 100    | 70-130   |      | %Rec  | 1  | 7/31/2020 4:33:24 AM | 54042 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | NICS   |          |      |       |    | Analyst              | CLP   |
| Diesel Range Organics (DRO)            | ND     | 9.4      |      | mg/Kg | 1  | 8/3/2020 4:53:43 PM  | 54043 |
| Motor Oil Range Organics (MRO)         | 85     | 47       |      | mg/Kg | 1  | 8/3/2020 4:53:43 PM  | 54043 |
| Surr: DNOP                             | 117    | 30.4-154 |      | %Rec  | 1  | 8/3/2020 4:53:43 PM  | 54043 |
| EPA METHOD 8260B: VOLATILES SHORT LIST |        |          |      |       |    | Analyst              | DJF   |
| Benzene                                | ND     | 0.024    |      | mg/Kg | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Toluene                                | ND     | 0.048    |      | mg/Kg | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Ethylbenzene                           | ND     | 0.048    |      | mg/Kg | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Xylenes, Total                         | ND     | 0.095    |      | mg/Kg | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Surr: 1,2-Dichloroethane-d4            | 106    | 70-130   |      | %Rec  | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Surr: 4-Bromofluorobenzene             | 101    | 70-130   |      | %Rec  | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Surr: Dibromofluoromethane             | 111    | 70-130   |      | %Rec  | 1  | 7/31/2020 4:33:24 AM | 54042 |
| Surr: Toluene-d8                       | 97.4   | 70-130   |      | %Rec  | 1  | 7/31/2020 4:33:24 AM | 54042 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-002

Devon Cotton Draw 181 SWD

Client Sample ID: AH-2 Surface Collection Date: 7/23/2020 12:40:00 PM Received Date: 7/29/2020 9:30:00 AM

| Analyses                            | Result | RL       | Qual Units | DF | Date Analyzed        | Batch  |
|-------------------------------------|--------|----------|------------|----|----------------------|--------|
| EPA METHOD 300.0: ANIONS            |        |          |            |    | Analys               | t: CJS |
| Chloride                            | ND     | 60       | mg/Kg      | 20 | 8/3/2020 3:26:27 PM  | 54130  |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |            |    | Analys               | t: CLP |
| Diesel Range Organics (DRO)         | ND     | 9.4      | mg/Kg      | 1  | 7/31/2020 9:55:39 AM | 54047  |
| Motor Oil Range Organics (MRO)      | ND     | 47       | mg/Kg      | 1  | 7/31/2020 9:55:39 AM | 54047  |
| Surr: DNOP                          | 103    | 30.4-154 | %Rec       | 1  | 7/31/2020 9:55:39 AM | 54047  |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |            |    | Analys               | t: RAA |
| Gasoline Range Organics (GRO)       | ND     | 4.7      | mg/Kg      | 1  | 7/31/2020 8:41:20 PM | 54044  |
| Surr: BFB                           | 96.3   | 75.3-105 | %Rec       | 1  | 7/31/2020 8:41:20 PM | 54044  |
| EPA METHOD 8021B: VOLATILES         |        |          |            |    | Analys               | t: RAA |
| Benzene                             | ND     | 0.024    | mg/Kg      | 1  | 7/31/2020 8:41:20 PM | 54044  |
| Toluene                             | ND     | 0.047    | mg/Kg      | 1  | 7/31/2020 8:41:20 PM | 54044  |
| Ethylbenzene                        | ND     | 0.047    | mg/Kg      | 1  | 7/31/2020 8:41:20 PM | 54044  |
| Xylenes, Total                      | ND     | 0.094    | mg/Kg      | 1  | 7/31/2020 8:41:20 PM | 54044  |
| Surr: 4-Bromofluorobenzene          | 102    | 80-120   | %Rec       | 1  | 7/31/2020 8:41:20 PM | 54044  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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**Analytical Report** Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Project: Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-3 H-West Collection Date: 7/23/2020 1:25:00 PM

| Lab ID: 2007E37-003             | Matrix: SOIL       |          | Recei | ved Dat | <b>e:</b> 7/2 | 29/2020 9:30:00 AM    |       |
|---------------------------------|--------------------|----------|-------|---------|---------------|-----------------------|-------|
| Analyses                        | Result             | RL       | Qual  | Units   | DF            | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |                    |          |       |         |               | Analyst               | CJS   |
| Chloride                        | 340                | 60       |       | mg/Kg   | 20            | 8/3/2020 4:28:29 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANG | <b>GE ORGANICS</b> |          |       |         |               | Analyst               | : CLP |
| Diesel Range Organics (DRO)     | 2600               | 47       |       | mg/Kg   | 5             | 7/31/2020 10:25:54 AM | 54047 |
| Motor Oil Range Organics (MRO)  | 2500               | 230      |       | mg/Kg   | 5             | 7/31/2020 10:25:54 AM | 54047 |
| Surr: DNOP                      | 309                | 30.4-154 | S     | %Rec    | 5             | 7/31/2020 10:25:54 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RAN  | GE                 |          |       |         |               | Analyst               | RAA   |
| Gasoline Range Organics (GRO)   | ND                 | 4.8      |       | mg/Kg   | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| Surr: BFB                       | 94.1               | 75.3-105 |       | %Rec    | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| EPA METHOD 8021B: VOLATILES     |                    |          |       |         |               | Analyst               | RAA   |
| Benzene                         | ND                 | 0.024    |       | mg/Kg   | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| Toluene                         | ND                 | 0.048    |       | mg/Kg   | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| Ethylbenzene                    | ND                 | 0.048    |       | mg/Kg   | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| Xylenes, Total                  | ND                 | 0.096    |       | mg/Kg   | 1             | 7/31/2020 9:51:32 PM  | 54044 |
| Surr: 4-Bromofluorobenzene      | 100                | 80-120   |       | %Rec    | 1             | 7/31/2020 9:51:32 PM  | 54044 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Analytical Report Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/5/2020 Client Sample ID: AH-4 Surface Collection Date: 7/23/2020 2:15:00 PM Received Date: 7/29/2020 9:30:00 AM

| Lab ID: 2007E37-004             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 7/2 | 29/2020 9:30:00 AM    |       |
|---------------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Analyses                        | Result       | RL       | Qual Units          | DF            | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |                     |               | Analyst               | : CJS |
| Chloride                        | ND           | 60       | mg/Kg               | 20            | 8/3/2020 5:05:44 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |                     |               | Analyst               | CLP   |
| Diesel Range Organics (DRO)     | ND           | 9.8      | mg/Kg               | 1             | 7/31/2020 10:35:59 AM | 54047 |
| Motor Oil Range Organics (MRO)  | ND           | 49       | mg/Kg               | 1             | 7/31/2020 10:35:59 AM | 54047 |
| Surr: DNOP                      | 121          | 30.4-154 | %Rec                | 1             | 7/31/2020 10:35:59 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RAN  | IGE          |          |                     |               | Analyst               | RAA   |
| Gasoline Range Organics (GRO)   | ND           | 4.6      | mg/Kg               | 1             | 7/31/2020 11:01:43 PM | 54044 |
| Surr: BFB                       | 96.7         | 75.3-105 | %Rec                | 1             | 7/31/2020 11:01:43 PM | 54044 |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |               | Analyst               | RAA   |
| Benzene                         | ND           | 0.023    | mg/Kg               | 1             | 7/31/2020 11:01:43 PM | 54044 |
| Toluene                         | ND           | 0.046    | mg/Kg               | 1             | 7/31/2020 11:01:43 PM | 54044 |
| Ethylbenzene                    | ND           | 0.046    | mg/Kg               | 1             | 7/31/2020 11:01:43 PM | 54044 |
| Xylenes, Total                  | ND           | 0.092    | mg/Kg               | 1             | 7/31/2020 11:01:43 PM | 54044 |
| Surr: 4-Bromofluorobenzene      | 104          | 80-120   | %Rec                | 1             | 7/31/2020 11:01:43 PM | 54044 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-005

Devon Cotton Draw 181 SWD

Client Sample ID: AH-5 Surface Collection Date: 7/24/2020 9:15:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                            | Result | RL       | Qual Units | DF | Date Analyzed         | Batch |
|-------------------------------------|--------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS            |        |          |            |    | Analyst               | : CJS |
| Chloride                            | 68     | 60       | mg/Kg      | 20 | 8/3/2020 5:18:09 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |            |    | Analyst               | : CLP |
| Diesel Range Organics (DRO)         | ND     | 9.2      | mg/Kg      | 1  | 7/31/2020 10:46:03 AN | 54047 |
| Motor Oil Range Organics (MRO)      | ND     | 46       | mg/Kg      | 1  | 7/31/2020 10:46:03 AN | 54047 |
| Surr: DNOP                          | 141    | 30.4-154 | %Rec       | 1  | 7/31/2020 10:46:03 AN | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |            |    | Analyst               | RAA   |
| Gasoline Range Organics (GRO)       | ND     | 4.8      | mg/Kg      | 1  | 7/31/2020 11:25:05 PN | 54044 |
| Surr: BFB                           | 94.8   | 75.3-105 | %Rec       | 1  | 7/31/2020 11:25:05 PM | 54044 |
| EPA METHOD 8021B: VOLATILES         |        |          |            |    | Analyst               | : RAA |
| Benzene                             | ND     | 0.024    | mg/Kg      | 1  | 7/31/2020 11:25:05 PN | 54044 |
| Toluene                             | ND     | 0.048    | mg/Kg      | 1  | 7/31/2020 11:25:05 PM | 54044 |
| Ethylbenzene                        | ND     | 0.048    | mg/Kg      | 1  | 7/31/2020 11:25:05 PM | 54044 |
| Xylenes, Total                      | ND     | 0.096    | mg/Kg      | 1  | 7/31/2020 11:25:05 PM | 54044 |
| Surr: 4-Bromofluorobenzene          | 101    | 80-120   | %Rec       | 1  | 7/31/2020 11:25:05 PM | 54044 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-006

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020

Client Sample ID: AH-6 H-South Collection Date: 7/24/2020 9:35:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                            | Result | RL       | Qual Units | DF | Date Analyzed         | Batch   |
|-------------------------------------|--------|----------|------------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS            |        |          |            |    | Analys                | t: CJS  |
| Chloride                            | 67     | 60       | mg/Kg      | 20 | 8/3/2020 5:30:34 PM   | 54130   |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |            |    | Analys                | t: CLP  |
| Diesel Range Organics (DRO)         | ND     | 9.2      | mg/Kg      | 1  | 7/31/2020 10:56:02 AN | 1 54047 |
| Motor Oil Range Organics (MRO)      | ND     | 46       | mg/Kg      | 1  | 7/31/2020 10:56:02 AM | 1 54047 |
| Surr: DNOP                          | 109    | 30.4-154 | %Rec       | 1  | 7/31/2020 10:56:02 AM | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |            |    | Analys                | t: RAA  |
| Gasoline Range Organics (GRO)       | ND     | 4.8      | mg/Kg      | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| Surr: BFB                           | 95.9   | 75.3-105 | %Rec       | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| EPA METHOD 8021B: VOLATILES         |        |          |            |    | Analys                | t: RAA  |
| Benzene                             | ND     | 0.024    | mg/Kg      | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| Toluene                             | ND     | 0.048    | mg/Kg      | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| Ethylbenzene                        | ND     | 0.048    | mg/Kg      | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| Xylenes, Total                      | ND     | 0.096    | mg/Kg      | 1  | 7/31/2020 11:48:31 PM | 1 54044 |
| Surr: 4-Bromofluorobenzene          | 103    | 80-120   | %Rec       | 1  | 7/31/2020 11:48:31 PM | 1 54044 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-007

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-7 Surface Collection Date: 7/24/2020 9:55:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                            | Result | RL       | Qual Unit | s I | )F | Date Analyzed         | Batch   |
|-------------------------------------|--------|----------|-----------|-----|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS            |        |          |           |     |    | Analyst               | t: CJS  |
| Chloride                            | 310    | 60       | mg/l      | (g  | 20 | 8/3/2020 5:42:58 PM   | 54130   |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |           |     |    | Analyst               | t: CLP  |
| Diesel Range Organics (DRO)         | ND     | 9.4      | mg/l      | ٢g  | 1  | 7/31/2020 11:06:03 AM | 1 54047 |
| Motor Oil Range Organics (MRO)      | ND     | 47       | mg/l      | ٢g  | 1  | 7/31/2020 11:06:03 AM | 1 54047 |
| Surr: DNOP                          | 112    | 30.4-154 | %Re       | C   | 1  | 7/31/2020 11:06:03 AM | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |           |     |    | Analyst               | t: RAA  |
| Gasoline Range Organics (GRO)       | ND     | 4.7      | mg/l      | ٢g  | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| Surr: BFB                           | 97.6   | 75.3-105 | %Re       | C   | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| EPA METHOD 8021B: VOLATILES         |        |          |           |     |    | Analyst               | t: RAA  |
| Benzene                             | ND     | 0.024    | mg/l      | ٢g  | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| Toluene                             | ND     | 0.047    | mg/l      | ٢g  | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| Ethylbenzene                        | ND     | 0.047    | mg/l      | ٢g  | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| Xylenes, Total                      | ND     | 0.095    | mg/l      | ٢g  | 1  | 8/1/2020 12:11:58 AM  | 54044   |
| Surr: 4-Bromofluorobenzene          | 105    | 80-120   | %Re       | C   | 1  | 8/1/2020 12:11:58 AM  | 54044   |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D
- Sample Diluted Due to Matrix Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Analytical Report Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-8 H-South Collection Date: 7/24/2020 10:10:00 AM

| Lab ID: 2007E37-008             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 7/2 | 29/2020 9:30:00 AM    |       |
|---------------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Analyses                        | Result       | RL       | Qual Units          | DF            | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |                     |               | Analyst               | CJS   |
| Chloride                        | ND           | 60       | mg/Kg               | 20            | 8/3/2020 5:55:23 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |          |                     |               | Analyst               | CLP   |
| Diesel Range Organics (DRO)     | ND           | 9.9      | mg/Kg               | 1             | 7/31/2020 11:16:06 AM | 54047 |
| Motor Oil Range Organics (MRO)  | ND           | 49       | mg/Kg               | 1             | 7/31/2020 11:16:06 AM | 54047 |
| Surr: DNOP                      | 127          | 30.4-154 | %Rec                | 1             | 7/31/2020 11:16:06 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |          |                     |               | Analyst               | RAA   |
| Gasoline Range Organics (GRO)   | ND           | 4.7      | mg/Kg               | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| Surr: BFB                       | 97.6         | 75.3-105 | %Rec                | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |               | Analyst               | RAA   |
| Benzene                         | ND           | 0.023    | mg/Kg               | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| Toluene                         | ND           | 0.047    | mg/Kg               | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| Ethylbenzene                    | ND           | 0.047    | mg/Kg               | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| Xylenes, Total                  | ND           | 0.093    | mg/Kg               | 1             | 8/1/2020 12:35:15 AM  | 54044 |
| Surr: 4-Bromofluorobenzene      | 104          | 80-120   | %Rec                | 1             | 8/1/2020 12:35:15 AM  | 54044 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-9 Surface Collection Date: 7/24/2020 10:25:00 AM Received Date: 7/29/2020 9:30:00 AM

| Lab ID: 2007E37-009              | Matrix: SOIL | <b>Received Date:</b> 7/29/2020 9:30:00 AM |            |    |                       |       |  |
|----------------------------------|--------------|--|------------|----|-----------------------|-------|--|
| Analyses                         | Result       | RL   | Qual Units | DF | Date Analyzed         | Batch |  |
| EPA METHOD 300.0: ANIONS         |              |  |            |    | Analyst               | CJS   |  |
| Chloride                         | ND           | 60   | mg/Kg      | 20 | 8/3/2020 6:32:38 PM   | 54130 |  |
| EPA METHOD 8015M/D: DIESEL RANGI | E ORGANICS   |  |            |    | Analyst               | CLP   |  |
| Diesel Range Organics (DRO)      | ND           | 9.6  | mg/Kg      | 1  | 7/31/2020 11:26:12 AM | 54047 |  |
| Motor Oil Range Organics (MRO)   | ND           | 48   | mg/Kg      | 1  | 7/31/2020 11:26:12 AM | 54047 |  |
| Surr: DNOP                       | 102          | 30.4-154                                   | %Rec       | 1  | 7/31/2020 11:26:12 AM | 54047 |  |
| EPA METHOD 8015D: GASOLINE RANG  | E            |  |            |    | Analyst               | RAA   |  |
| Gasoline Range Organics (GRO)    | ND           | 4.9  | mg/Kg      | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| Surr: BFB                        | 96.4         | 75.3-105                                   | %Rec       | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| EPA METHOD 8021B: VOLATILES      |              |  |            |    | Analyst               | RAA   |  |
| Benzene                          | ND           | 0.025                                      | mg/Kg      | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| Toluene                          | ND           | 0.049                                      | mg/Kg      | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| Ethylbenzene                     | ND           | 0.049                                      | mg/Kg      | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| Xylenes, Total                   | ND           | 0.099                                      | mg/Kg      | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |
| Surr: 4-Bromofluorobenzene       | 102          | 80-120                                     | %Rec       | 1  | 8/1/2020 12:58:36 AM  | 54044 |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2007E37-010

**Project:** 

Lab ID:

Analyses

**Analytical Report** Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-10 H-Southeast Devon Cotton Draw 181 SWD Collection Date: 7/24/2020 10:40:00 AM Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch

| EPA METHOD 300.0: ANIONS             |        |          |       |    | Analyst               | CJS   |
|--------------------------------------|--------|----------|-------|----|-----------------------|-------|
| Chloride                             | ND     | 60       | mg/Kg | 20 | 8/3/2020 6:45:02 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE ORG | GANICS |          |       |    | Analyst               | CLP   |
| Diesel Range Organics (DRO)          | ND     | 10       | mg/Kg | 1  | 7/31/2020 11:36:17 AM | 54047 |
| Motor Oil Range Organics (MRO)       | ND     | 50       | mg/Kg | 1  | 7/31/2020 11:36:17 AM | 54047 |
| Surr: DNOP                           | 95.0   | 30.4-154 | %Rec  | 1  | 7/31/2020 11:36:17 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE     |        |          |       |    | Analyst               | RAA   |
| Gasoline Range Organics (GRO)        | ND     | 4.7      | mg/Kg | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| Surr: BFB                            | 98.8   | 75.3-105 | %Rec  | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| EPA METHOD 8021B: VOLATILES          |        |          |       |    | Analyst               | RAA   |
| Benzene                              | ND     | 0.023    | mg/Kg | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| Toluene                              | ND     | 0.047    | mg/Kg | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| Ethylbenzene                         | ND     | 0.047    | mg/Kg | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| Xylenes, Total                       | ND     | 0.093    | mg/Kg | 1  | 8/1/2020 1:21:54 AM   | 54044 |
| Surr: 4-Bromofluorobenzene           | 105    | 80-120   | %Rec  | 1  | 8/1/2020 1:21:54 AM   | 54044 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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2007E37-011

**Project:** 

Lab ID:

**Analytical Report** Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-11 Surface Devon Cotton Draw 181 SWD Collection Date: 7/24/2020 11:00:00 AM Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RI** Qual Units DF Date Analyzed Ratch

| Analyses                             | Result | RL       | Qual Units | DF | Date Analyzed         | Batch |
|--------------------------------------|--------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS             |        |          |            |    | Analyst               | CJS   |
| Chloride                             | ND     | 60       | mg/Kg      | 20 | 8/3/2020 6:57:26 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE ORG | ANICS  |          |            |    | Analyst               | CLP   |
| Diesel Range Organics (DRO)          | ND     | 9.7      | mg/Kg      | 1  | 7/31/2020 11:46:16 AM | 54047 |
| Motor Oil Range Organics (MRO)       | ND     | 48       | mg/Kg      | 1  | 7/31/2020 11:46:16 AM | 54047 |
| Surr: DNOP                           | 96.2   | 30.4-154 | %Rec       | 1  | 7/31/2020 11:46:16 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE     |        |          |            |    | Analyst               | RAA   |
| Gasoline Range Organics (GRO)        | ND     | 4.6      | mg/Kg      | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| Surr: BFB                            | 94.3   | 75.3-105 | %Rec       | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| EPA METHOD 8021B: VOLATILES          |        |          |            |    | Analyst               | RAA   |
| Benzene                              | ND     | 0.023    | mg/Kg      | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| Toluene                              | ND     | 0.046    | mg/Kg      | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| Ethylbenzene                         | ND     | 0.046    | mg/Kg      | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| Xylenes, Total                       | ND     | 0.092    | mg/Kg      | 1  | 8/1/2020 1:45:21 AM   | 54044 |
| Surr: 4-Bromofluorobenzene           | 100    | 80-120   | %Rec       | 1  | 8/1/2020 1:45:21 AM   | 54044 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-012

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-12 Surface Collection Date: 7/24/2020 11:20:00 AM Received Date: 7/29/2020 9:30:00 AM

|                                    | Multim SOIL |          |            |    |                       |       |  |
|------------------------------------|-------------|----------|------------|----|-----------------------|-------|--|
| Analyses                           | Result      | RL       | Qual Units | DF | Date Analyzed         | Batch |  |
| EPA METHOD 300.0: ANIONS           |             |          |            |    | Analyst               | : CJS |  |
| Chloride                           | 230         | 60       | mg/Kg      | 20 | 8/3/2020 7:09:50 PM   | 54130 |  |
| EPA METHOD 8015M/D: DIESEL RANGE ( | ORGANICS    |          |            |    | Analyst               | : CLP |  |
| Diesel Range Organics (DRO)        | ND          | 9.4      | mg/Kg      | 1  | 7/31/2020 11:56:17 AN | 54047 |  |
| Motor Oil Range Organics (MRO)     | ND          | 47       | mg/Kg      | 1  | 7/31/2020 11:56:17 AN | 54047 |  |
| Surr: DNOP                         | 106         | 30.4-154 | %Rec       | 1  | 7/31/2020 11:56:17 AN | 54047 |  |
| EPA METHOD 8015D: GASOLINE RANGE   |             |          |            |    | Analyst               | RAA   |  |
| Gasoline Range Organics (GRO)      | ND          | 4.9      | mg/Kg      | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| Surr: BFB                          | 97.0        | 75.3-105 | %Rec       | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| EPA METHOD 8021B: VOLATILES        |             |          |            |    | Analyst               | : RAA |  |
| Benzene                            | ND          | 0.024    | mg/Kg      | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| Toluene                            | ND          | 0.049    | mg/Kg      | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| Ethylbenzene                       | ND          | 0.049    | mg/Kg      | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| Xylenes, Total                     | ND          | 0.098    | mg/Kg      | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
| Surr: 4-Bromofluorobenzene         | 104         | 80-120   | %Rec       | 1  | 8/1/2020 2:55:50 AM   | 54044 |  |
|                                    |             |          |            |    |                       |       |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-013

Devon Cotton Draw 181 SWD

Client Sample ID: AH-13 Surface Collection Date: 7/24/2020 11:40:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                           | Result  | RL       | Qual Units | DF | Date Analyzed         | Batch   |
|------------------------------------|---------|----------|------------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS           |         |          |            |    | Analys                | t: CJS  |
| Chloride                           | 120     | 60       | mg/Kg      | 20 | 8/3/2020 7:22:14 PM   | 54130   |
| EPA METHOD 8015M/D: DIESEL RANGE O | RGANICS |          |            |    | Analys                | t: CLP  |
| Diesel Range Organics (DRO)        | ND      | 9.3      | mg/Kg      | 1  | 7/31/2020 12:06:15 PM | 1 54047 |
| Motor Oil Range Organics (MRO)     | ND      | 47       | mg/Kg      | 1  | 7/31/2020 12:06:15 PM | 1 54047 |
| Surr: DNOP                         | 106     | 30.4-154 | %Rec       | 1  | 7/31/2020 12:06:15 PM | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE   |         |          |            |    | Analys                | t: RAA  |
| Gasoline Range Organics (GRO)      | ND      | 4.8      | mg/Kg      | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| Surr: BFB                          | 98.0    | 75.3-105 | %Rec       | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| EPA METHOD 8021B: VOLATILES        |         |          |            |    | Analys                | t: RAA  |
| Benzene                            | ND      | 0.024    | mg/Kg      | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| Toluene                            | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| Ethylbenzene                       | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| Xylenes, Total                     | ND      | 0.097    | mg/Kg      | 1  | 8/1/2020 3:19:12 AM   | 54044   |
| Surr: 4-Bromofluorobenzene         | 104     | 80-120   | %Rec       | 1  | 8/1/2020 3:19:12 AM   | 54044   |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-14 Surface Collection Date: 7/24/2020 12:00:00 PM

| Lab ID: 2007E37-014             | Matrix: SOIL | BIL         Received Date: 7/29/2020 9:30:00 AM |            |    |                       |       |  |
|---------------------------------|--------------|---|------------|----|-----------------------|-------|--|
| Analyses                        | Result       | RL  | Qual Units | DF | Date Analyzed         | Batch |  |
| EPA METHOD 300.0: ANIONS        |              |   |            |    | Analyst               | : CJS |  |
| Chloride                        | ND           | 60  | mg/Kg      | 20 | 8/3/2020 7:34:39 PM   | 54130 |  |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |   |            |    | Analyst               | CLP   |  |
| Diesel Range Organics (DRO)     | ND           | 9.5   | mg/Kg      | 1  | 7/31/2020 12:16:16 PM | 54047 |  |
| Motor Oil Range Organics (MRO)  | ND           | 48  | mg/Kg      | 1  | 7/31/2020 12:16:16 PM | 54047 |  |
| Surr: DNOP                      | 107          | 30.4-154  | %Rec       | 1  | 7/31/2020 12:16:16 PM | 54047 |  |
| EPA METHOD 8015D: GASOLINE RANG | GE           |   |            |    | Analyst               | RAA   |  |
| Gasoline Range Organics (GRO)   | ND           | 4.9   | mg/Kg      | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| Surr: BFB                       | 99.5         | 75.3-105  | %Rec       | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| EPA METHOD 8021B: VOLATILES     |              |   |            |    | Analyst               | RAA   |  |
| Benzene                         | ND           | 0.024   | mg/Kg      | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| Toluene                         | ND           | 0.049   | mg/Kg      | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| Ethylbenzene                    | ND           | 0.049   | mg/Kg      | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| Xylenes, Total                  | ND           | 0.097   | mg/Kg      | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |
| Surr: 4-Bromofluorobenzene      | 107          | 80-120  | %Rec       | 1  | 8/1/2020 3:42:34 AM   | 54044 |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-015

Devon Cotton Draw 181 SWD

Client Sample ID: AH-15 Surface Collection Date: 7/24/2020 12:20:00 PM Received Date: 7/29/2020 9:30:00 AM

| Analyses                            | Result  | RL       | Qual Units | DF | Date Analyzed         | Batch   |
|-------------------------------------|---------|----------|------------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS            |         |          |            |    | Analys                | t: CJS  |
| Chloride                            | 67      | 60       | mg/Kg      | 20 | 8/3/2020 7:47:04 PM   | 54130   |
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS |          |            |    | Analys                | t: CLP  |
| Diesel Range Organics (DRO)         | ND      | 9.6      | mg/Kg      | 1  | 7/31/2020 12:26:17 PM | 1 54047 |
| Motor Oil Range Organics (MRO)      | ND      | 48       | mg/Kg      | 1  | 7/31/2020 12:26:17 PM | 54047   |
| Surr: DNOP                          | 109     | 30.4-154 | %Rec       | 1  | 7/31/2020 12:26:17 PM | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE    |         |          |            |    | Analys                | t: RAA  |
| Gasoline Range Organics (GRO)       | ND      | 4.8      | mg/Kg      | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| Surr: BFB                           | 98.1    | 75.3-105 | %Rec       | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| EPA METHOD 8021B: VOLATILES         |         |          |            |    | Analys                | t: RAA  |
| Benzene                             | ND      | 0.024    | mg/Kg      | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| Toluene                             | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| Ethylbenzene                        | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| Xylenes, Total                      | ND      | 0.096    | mg/Kg      | 1  | 8/1/2020 4:05:56 AM   | 54044   |
| Surr: 4-Bromofluorobenzene          | 105     | 80-120   | %Rec       | 1  | 8/1/2020 4:05:56 AM   | 54044   |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
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**Analytical Report** Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Date Reported: 8/5/2020 Client Sample ID: AH-16 Surface

| Project: | Devon Cotton Draw 181 S | WD            | Collection Date: 7/24/2020 12:50:00 PM |                     |               |                       |       |  |
|----------|-------------------------|---------------|--|---------------------|---------------|-----------------------|-------|--|
| Lab ID:  | 2007E37-016             | Matrix: SOIL  |  | <b>Received Dat</b> | <b>e:</b> 7/2 | 29/2020 9:30:00 AM    |       |  |
| Analyses |                         | Result        | RL                                     | Qual Units          | DF            | Date Analyzed         | Batch |  |
| EPA ME   | THOD 300.0: ANIONS      |               |  |                     |               | Analyst               | CJS   |  |
| Chloride |                         | 200           | 60                                     | mg/Kg               | 20            | 8/3/2020 7:59:29 PM   | 54130 |  |
| EPA ME   | THOD 8015M/D: DIESEL R  | ANGE ORGANICS |  |                     |               | Analyst               | CLP   |  |
| Diesel R | ange Organics (DRO)     | ND            | 9.7                                    | mg/Kg               | 1             | 7/31/2020 12:36:18 PM | 54047 |  |
| Motor O  | il Range Organics (MRO) | ND            | 49                                     | mg/Kg               | 1             | 7/31/2020 12:36:18 PM | 54047 |  |
| Surr:    | DNOP                    | 102           | 30.4-154                               | %Rec                | 1             | 7/31/2020 12:36:18 PM | 54047 |  |
| EPA ME   | THOD 8015D: GASOLINE R  | ANGE          |  |                     |               | Analyst               | RAA   |  |
| Gasoline | e Range Organics (GRO)  | ND            | 4.8                                    | mg/Kg               | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| Surr:    | BFB                     | 98.6          | 75.3-105                               | %Rec                | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| EPA ME   | THOD 8021B: VOLATILES   |               |  |                     |               | Analyst               | RAA   |  |
| Benzene  | )                       | ND            | 0.024                                  | mg/Kg               | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| Toluene  |                         | ND            | 0.048                                  | mg/Kg               | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| Ethylber | izene                   | ND            | 0.048                                  | mg/Kg               | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| Xylenes  | Total                   | ND            | 0.095                                  | mg/Kg               | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |
| Surr:    | 4-Bromofluorobenzene    | 106           | 80-120                                 | %Rec                | 1             | 8/1/2020 4:29:30 AM   | 54044 |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 16 of 43

**Analytical Report** Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-17 Surface

Collection Date: 7/24/2020 1:10:00 PM

Lab ID: 2007E37-017 Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: CJS Chloride 200 59 mg/Kg 20 8/3/2020 8:11:53 PM 54130 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 10 mg/Kg 1 7/31/2020 12:46:18 PM 54047 Motor Oil Range Organics (MRO) ND 7/31/2020 12:46:18 PM 54047 50 mg/Kg 1 Surr: DNOP 7/31/2020 12:46:18 PM 54047 105 30.4-154 %Rec 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA Gasoline Range Organics (GRO) ND 8/1/2020 4:53:01 AM 54044 4.8 mg/Kg 1 Surr: BFB 95.9 75.3-105 %Rec 8/1/2020 4:53:01 AM 54044 1 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND 0.024 8/1/2020 4:53:01 AM 54044 Benzene mg/Kg 1 Toluene ND 0.048 mg/Kg 1 8/1/2020 4:53:01 AM 54044 Ethylbenzene ND 0.048 mg/Kg 1 8/1/2020 4:53:01 AM 54044 Xylenes, Total ND 0.096 mg/Kg 8/1/2020 4:53:01 AM 54044 1 Surr: 4-Bromofluorobenzene 102 54044 80-120 %Rec 1 8/1/2020 4:53:01 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р
- Sample pH Not In Range RL
  - Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-018

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020

Client Sample ID: AH-18 H-East Collection Date: 7/24/2020 1:30:00 PM Received Date: 7/29/2020 9:30:00 AM

| Analyses                              | Result | RL Ç     | Qual Units | DF | Date Analyzed         | Batch |
|---------------------------------------|--------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS              |        |          |            |    | Analyst               | CJS   |
| Chloride                              | ND     | 60       | mg/Kg      | 20 | 8/3/2020 8:24:17 PM   | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA | ANICS  |          |            |    | Analyst               | CLP   |
| Diesel Range Organics (DRO)           | ND     | 9.7      | mg/Kg      | 1  | 7/31/2020 12:56:23 PM | 54047 |
| Motor Oil Range Organics (MRO)        | ND     | 48       | mg/Kg      | 1  | 7/31/2020 12:56:23 PM | 54047 |
| Surr: DNOP                            | 98.8   | 30.4-154 | %Rec       | 1  | 7/31/2020 12:56:23 PM | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE      |        |          |            |    | Analyst               | RAA   |
| Gasoline Range Organics (GRO)         | ND     | 4.9      | mg/Kg      | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| Surr: BFB                             | 96.4   | 75.3-105 | %Rec       | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| EPA METHOD 8021B: VOLATILES           |        |          |            |    | Analyst               | RAA   |
| Benzene                               | ND     | 0.025    | mg/Kg      | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| Toluene                               | ND     | 0.049    | mg/Kg      | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| Ethylbenzene                          | ND     | 0.049    | mg/Kg      | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| Xylenes, Total                        | ND     | 0.099    | mg/Kg      | 1  | 8/1/2020 5:16:37 AM   | 54044 |
| Surr: 4-Bromofluorobenzene            | 102    | 80-120   | %Rec       | 1  | 8/1/2020 5:16:37 AM   | 54044 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Analytical Report Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-19 Surface Collection Date: 7/24/2020 1:55:00 PM

| Lab ID: 2007E37-019             | Matrix: SOIL | <b>Received Date:</b> 7/29/2020 9:30:00 AM |            |    |                      |       |  |
|---------------------------------|--------------|--|------------|----|----------------------|-------|--|
| Analyses                        | Result       | RL   | Qual Units | DF | Date Analyzed        | Batch |  |
| EPA METHOD 300.0: ANIONS        |              |  |            |    | Analyst              | CJS   |  |
| Chloride                        | ND           | 59   | mg/Kg      | 20 | 8/3/2020 9:01:30 PM  | 54130 |  |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |  |            |    | Analyst              | CLP   |  |
| Diesel Range Organics (DRO)     | ND           | 9.5  | mg/Kg      | 1  | 7/31/2020 1:06:28 PM | 54047 |  |
| Motor Oil Range Organics (MRO)  | ND           | 47   | mg/Kg      | 1  | 7/31/2020 1:06:28 PM | 54047 |  |
| Surr: DNOP                      | 94.6         | 30.4-154                                   | %Rec       | 1  | 7/31/2020 1:06:28 PM | 54047 |  |
| EPA METHOD 8015D: GASOLINE RANG | GE           |  |            |    | Analyst              | RAA   |  |
| Gasoline Range Organics (GRO)   | ND           | 4.8  | mg/Kg      | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| Surr: BFB                       | 99.1         | 75.3-105                                   | %Rec       | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| EPA METHOD 8021B: VOLATILES     |              |  |            |    | Analyst              | RAA   |  |
| Benzene                         | ND           | 0.024                                      | mg/Kg      | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| Toluene                         | ND           | 0.048                                      | mg/Kg      | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| Ethylbenzene                    | ND           | 0.048                                      | mg/Kg      | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| Xylenes, Total                  | ND           | 0.097                                      | mg/Kg      | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |
| Surr: 4-Bromofluorobenzene      | 104          | 80-120                                     | %Rec       | 1  | 8/1/2020 5:40:18 AM  | 54044 |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-020

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-22 Surface Collection Date: 7/24/2020 2:20:00 PM Received Date: 7/29/2020 9:30:00 AM

| Analyses                           | Result  | RL       | Qual Units | DF | Date Analyzed        | Batch  |  |
|------------------------------------|---------|----------|------------|----|----------------------|--------|--|
| EPA METHOD 300.0: ANIONS           |         |          |            |    | Analys               | t: CJS |  |
| Chloride                           | ND      | 60       | mg/Kg      | 20 | 8/3/2020 9:13:55 PM  | 54130  |  |
| EPA METHOD 8015M/D: DIESEL RANGE C | RGANICS |          |            |    | Analys               | t: CLP |  |
| Diesel Range Organics (DRO)        | ND      | 9.9      | mg/Kg      | 1  | 7/31/2020 1:16:34 PM | 54047  |  |
| Motor Oil Range Organics (MRO)     | ND      | 49       | mg/Kg      | 1  | 7/31/2020 1:16:34 PM | 54047  |  |
| Surr: DNOP                         | 108     | 30.4-154 | %Rec       | 1  | 7/31/2020 1:16:34 PM | 54047  |  |
| EPA METHOD 8015D: GASOLINE RANGE   |         |          |            |    | Analys               | t: RAA |  |
| Gasoline Range Organics (GRO)      | ND      | 4.8      | mg/Kg      | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| Surr: BFB                          | 100     | 75.3-105 | %Rec       | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| EPA METHOD 8021B: VOLATILES        |         |          |            |    | Analys               | t: RAA |  |
| Benzene                            | ND      | 0.024    | mg/Kg      | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| Toluene                            | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| Ethylbenzene                       | ND      | 0.048    | mg/Kg      | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| Xylenes, Total                     | ND      | 0.097    | mg/Kg      | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |
| Surr: 4-Bromofluorobenzene         | 105     | 80-120   | %Rec       | 1  | 8/1/2020 6:03:47 AM  | 54044  |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit
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Lab ID:

Analytical Report Lab Order 2007E37

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-021

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-21 Surface Collection Date: 7/27/2020 9:00:00 AM

**Received Date:** 7/29/2020 9:30:00 AM

| Analyses                             | Result | RL       | Qual Units | DF | Date Analyzed        | Batch |
|--------------------------------------|--------|----------|------------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS             |        |          |            |    | Analyst              | CJS   |
| Chloride                             | 80     | 60       | mg/Kg      | 20 | 8/3/2020 9:26:20 PM  | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE ORG | GANICS |          |            |    | Analyst              | BRM   |
| Diesel Range Organics (DRO)          | ND     | 9.8      | mg/Kg      | 1  | 8/4/2020 11:47:47 AM | 54047 |
| Motor Oil Range Organics (MRO)       | ND     | 49       | mg/Kg      | 1  | 8/4/2020 11:47:47 AM | 54047 |
| Surr: DNOP                           | 103    | 30.4-154 | %Rec       | 1  | 8/4/2020 11:47:47 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE     |        |          |            |    | Analyst              | RAA   |
| Gasoline Range Organics (GRO)        | ND     | 4.7      | mg/Kg      | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| Surr: BFB                            | 96.9   | 75.3-105 | %Rec       | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| EPA METHOD 8021B: VOLATILES          |        |          |            |    | Analyst              | RAA   |
| Benzene                              | ND     | 0.023    | mg/Kg      | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| Toluene                              | ND     | 0.047    | mg/Kg      | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| Ethylbenzene                         | ND     | 0.047    | mg/Kg      | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| Xylenes, Total                       | ND     | 0.094    | mg/Kg      | 1  | 8/1/2020 6:27:25 AM  | 54044 |
| Surr: 4-Bromofluorobenzene           | 103    | 80-120   | %Rec       | 1  | 8/1/2020 6:27:25 AM  | 54044 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-022

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-24 Surface Collection Date: 7/27/2020 9:25:00 AM

**Received Date:** 7/29/2020 9:30:00 AM

| Analyses                               | Result | RL       | Qual Units | DF | Date Analyzed        | Batch |
|--|--------|----------|------------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS               |        |          |            |    | Analyst              | CJS   |
| Chloride                               | 430    | 60       | mg/Kg      | 20 | 8/3/2020 5:03:30 PM  | 54133 |
| EPA METHOD 8015D MOD: GASOLINE RANGE   | E      |          |            |    | Analyst              | DJF   |
| Gasoline Range Organics (GRO)          | ND     | 4.9      | mg/Kg      | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Surr: BFB                              | 95.8   | 70-130   | %Rec       | 1  | 7/31/2020 5:01:50 AM | 54045 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | ANICS  |          |            |    | Analyst              | CLP   |
| Diesel Range Organics (DRO)            | ND     | 9.5      | mg/Kg      | 1  | 7/31/2020 4:45:05 PM | 54051 |
| Motor Oil Range Organics (MRO)         | ND     | 47       | mg/Kg      | 1  | 7/31/2020 4:45:05 PM | 54051 |
| Surr: DNOP                             | 109    | 30.4-154 | %Rec       | 1  | 7/31/2020 4:45:05 PM | 54051 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | г      |          |            |    | Analyst              | DJF   |
| Benzene                                | ND     | 0.025    | mg/Kg      | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Toluene                                | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Ethylbenzene                           | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Xylenes, Total                         | ND     | 0.099    | mg/Kg      | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Surr: 1,2-Dichloroethane-d4            | 103    | 70-130   | %Rec       | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Surr: 4-Bromofluorobenzene             | 96.9   | 70-130   | %Rec       | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Surr: Dibromofluoromethane             | 105    | 70-130   | %Rec       | 1  | 7/31/2020 5:01:50 AM | 54045 |
| Surr: Toluene-d8                       | 98.5   | 70-130   | %Rec       | 1  | 7/31/2020 5:01:50 AM | 54045 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-023

Devon Cotton Draw 181 SWD

Client Sample ID: AH-24 1ft Collection Date: 7/27/2020 9:50:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                               | Result | RL       | Qual Units | DF | Date Analyzed        | Batch |
|--|--------|----------|------------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS               |        |          |            |    | Analyst              | CJS   |
| Chloride                               | 79     | 60       | mg/Kg      | 20 | 8/3/2020 5:40:44 PM  | 54133 |
| EPA METHOD 8015D MOD: GASOLINE RANGE   |        |          |            |    | Analyst              | DJF   |
| Gasoline Range Organics (GRO)          | ND     | 4.9      | mg/Kg      | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Surr: BFB                              | 103    | 70-130   | %Rec       | 1  | 7/31/2020 6:27:34 AM | 54045 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | NICS   |          |            |    | Analyst              | : CLP |
| Diesel Range Organics (DRO)            | ND     | 9.3      | mg/Kg      | 1  | 7/31/2020 4:55:26 PM | 54051 |
| Motor Oil Range Organics (MRO)         | ND     | 46       | mg/Kg      | 1  | 7/31/2020 4:55:26 PM | 54051 |
| Surr: DNOP                             | 123    | 30.4-154 | %Rec       | 1  | 7/31/2020 4:55:26 PM | 54051 |
| EPA METHOD 8260B: VOLATILES SHORT LIST |        |          |            |    | Analyst              | DJF   |
| Benzene                                | ND     | 0.024    | mg/Kg      | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Toluene                                | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Ethylbenzene                           | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Xylenes, Total                         | ND     | 0.098    | mg/Kg      | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Surr: 1,2-Dichloroethane-d4            | 98.2   | 70-130   | %Rec       | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Surr: 4-Bromofluorobenzene             | 99.4   | 70-130   | %Rec       | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Surr: Dibromofluoromethane             | 107    | 70-130   | %Rec       | 1  | 7/31/2020 6:27:34 AM | 54045 |
| Surr: Toluene-d8                       | 98.1   | 70-130   | %Rec       | 1  | 7/31/2020 6:27:34 AM | 54045 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-23 H-East Collection Date: 7/27/2020 10:15:00 AM

Lab ID: 2007E37-024 Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 180 60 mg/Kg 20 8/3/2020 8:51:50 PM 54139 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 8/2/2020 2:50:24 AM 54045 Surr: BFB 101 70-130 %Rec 1 8/2/2020 2:50:24 AM 54045 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 7/31/2020 5:05:49 PM 54051 Motor Oil Range Organics (MRO) ND 7/31/2020 5:05:49 PM 54051 48 mg/Kg 1 Surr: DNOP 104 30.4-154 %Rec 7/31/2020 5:05:49 PM 54051 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF ND 7/31/2020 1:45:35 PM 54045 Benzene 0.024 mg/Kg 1 Toluene ND 0.049 mg/Kg 1 7/31/2020 1:45:35 PM 54045 Ethylbenzene ND 0.049 mg/Kg 1 7/31/2020 1:45:35 PM 54045 Xylenes, Total ND 0.097 mg/Kg 7/31/2020 1:45:35 PM 54045 1 Surr: 1,2-Dichloroethane-d4 102 70-130 %Rec 1 7/31/2020 1:45:35 PM 54045 Surr: 4-Bromofluorobenzene 94.0 70-130 %Rec 1 7/31/2020 1:45:35 PM 54045 101 Surr: Dibromofluoromethane 70-130 %Rec 1 7/31/2020 1:45:35 PM 54045 Surr: Toluene-d8 102 70-130 %Rec 1 7/31/2020 1:45:35 PM 54045

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
   D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limitsP Sample pH Not In Range
- P Sample pH Not II
- RL Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-025

Devon Cotton Draw 181 SWD

Client Sample ID: AH-25 H-Northeast Collection Date: 7/27/2020 10:50:00 AM Received Date: 7/29/2020 9:30:00 AM

|  | in soil |          |            |    |                      |       |  |  |
|--|---------|----------|------------|----|----------------------|-------|--|--|
| Analyses                               | Result  | RL       | Qual Units | DF | Date Analyzed        | Batch |  |  |
| EPA METHOD 300.0: ANIONS               |         |          |            |    | Analyst              | CAS   |  |  |
| Chloride                               | 220     | 60       | mg/Kg      | 20 | 8/3/2020 9:28:53 PM  | 54139 |  |  |
| EPA METHOD 8015D MOD: GASOLINE RANGE   |         |          |            |    | Analyst              | DJF   |  |  |
| Gasoline Range Organics (GRO)          | ND      | 4.7      | mg/Kg      | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Surr: BFB                              | 97.2    | 70-130   | %Rec       | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | NICS    |          |            |    | Analyst              | CLP   |  |  |
| Diesel Range Organics (DRO)            | ND      | 9.8      | mg/Kg      | 1  | 7/31/2020 5:16:15 PM | 54051 |  |  |
| Motor Oil Range Organics (MRO)         | ND      | 49       | mg/Kg      | 1  | 7/31/2020 5:16:15 PM | 54051 |  |  |
| Surr: DNOP                             | 70.5    | 30.4-154 | %Rec       | 1  | 7/31/2020 5:16:15 PM | 54051 |  |  |
| EPA METHOD 8260B: VOLATILES SHORT LIST |         |          |            |    | Analyst              | DJF   |  |  |
| Benzene                                | ND      | 0.023    | mg/Kg      | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Toluene                                | ND      | 0.047    | mg/Kg      | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Ethylbenzene                           | ND      | 0.047    | mg/Kg      | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Xylenes, Total                         | ND      | 0.093    | mg/Kg      | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Surr: 1,2-Dichloroethane-d4            | 104     | 70-130   | %Rec       | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Surr: 4-Bromofluorobenzene             | 94.4    | 70-130   | %Rec       | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Surr: Dibromofluoromethane             | 107     | 70-130   | %Rec       | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
| Surr: Toluene-d8                       | 99.8    | 70-130   | %Rec       | 1  | 7/31/2020 2:14:17 PM | 54045 |  |  |
|  |         |          |            |    |                      |       |  |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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**Analytical Report** Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-26 Surface Collection Date: 7/27/2020 11:15:00 AM

Lab ID: 2007E37-026 Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 220 60 mg/Kg 20 8/3/2020 9:41:13 PM 54139 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 7/31/2020 2:42:55 PM 54045 Surr: BFB 7/31/2020 2:42:55 PM 99.1 70-130 %Rec 1 54045 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 7/31/2020 5:26:47 PM 54051 Motor Oil Range Organics (MRO) ND 7/31/2020 5:26:47 PM 54051 48 mg/Kg 1 Surr: DNOP 84.2 30.4-154 %Rec 7/31/2020 5:26:47 PM 54051 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF 7/31/2020 2:42:55 PM ND 54045 Benzene 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 7/31/2020 2:42:55 PM 54045 Ethylbenzene ND 0.050 mg/Kg 1 7/31/2020 2:42:55 PM 54045 Xylenes, Total ND 0.099 mg/Kg 7/31/2020 2:42:55 PM 54045 1 Surr: 1,2-Dichloroethane-d4 97.6 70-130 %Rec 1 7/31/2020 2:42:55 PM 54045 Surr: 4-Bromofluorobenzene 96.2 70-130 %Rec 1 7/31/2020 2:42:55 PM 54045 Surr: Dibromofluoromethane 109 70-130 %Rec 1 7/31/2020 2:42:55 PM 54045 Surr: Toluene-d8 101 70-130 %Rec 1 7/31/2020 2:42:55 PM 54045

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- POL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL
  - Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-027

Devon Cotton Draw 181 SWD

Client Sample ID: AH-27 Surface Collection Date: 7/27/2020 11:45:00 AM Received Date: 7/29/2020 9:30:00 AM

| Analyses                               | Result | RL       | Qual Units | DF | Date Analyzed        | Batch |  |
|--|--------|----------|------------|----|----------------------|-------|--|
| EPA METHOD 300.0: ANIONS               |        |          |            |    | Analyst              | CAS   |  |
| Chloride                               | ND     | 60       | mg/Kg      | 20 | 8/3/2020 10:18:14 PM | 54139 |  |
| EPA METHOD 8015D MOD: GASOLINE RANGE   |        |          |            |    | Analyst              | DJF   |  |
| Gasoline Range Organics (GRO)          | ND     | 5.0      | mg/Kg      | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Surr: BFB                              | 101    | 70-130   | %Rec       | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | NICS   |          |            |    | Analyst              | : CLP |  |
| Diesel Range Organics (DRO)            | ND     | 9.9      | mg/Kg      | 1  | 7/31/2020 5:37:24 PM | 54051 |  |
| Motor Oil Range Organics (MRO)         | ND     | 49       | mg/Kg      | 1  | 7/31/2020 5:37:24 PM | 54051 |  |
| Surr: DNOP                             | 49.3   | 30.4-154 | %Rec       | 1  | 7/31/2020 5:37:24 PM | 54051 |  |
| EPA METHOD 8260B: VOLATILES SHORT LIST |        |          |            |    | Analyst              | DJF   |  |
| Benzene                                | ND     | 0.025    | mg/Kg      | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Toluene                                | ND     | 0.050    | mg/Kg      | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Ethylbenzene                           | ND     | 0.050    | mg/Kg      | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Xylenes, Total                         | ND     | 0.099    | mg/Kg      | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Surr: 1,2-Dichloroethane-d4            | 105    | 70-130   | %Rec       | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Surr: 4-Bromofluorobenzene             | 97.5   | 70-130   | %Rec       | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Surr: Dibromofluoromethane             | 108    | 70-130   | %Rec       | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
| Surr: Toluene-d8                       | 101    | 70-130   | %Rec       | 1  | 7/31/2020 3:11:39 PM | 54045 |  |
|  |        |          |            |    |                      |       |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-028

Devon Cotton Draw 181 SWD

Client Sample ID: AH-28 Surface Collection Date: 7/27/2020 12:05:00 PM Received Date: 7/29/2020 9:30:00 AM

| Result | RL   | Qual Units  | DF   | Date Analyzed  | Batch   |  |
|--------|--|---|--|--|---|--|
|        |  |   |  | Analyst  | CAS   |  |
| ND     | 60   | mg/Kg   | 20   | 8/3/2020 10:30:35 PM   | 54139   |  |
|        |  |   |  | Analyst  | DJF   |  |
| ND     | 5.0  | mg/Kg   | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| 103    | 70-130   | %Rec  | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| NICS   |  |   |  | Analyst  | : CLP   |  |
| ND     | 9.4  | mg/Kg   | 1  | 7/31/2020 5:48:03 PM   | 54051   |  |
| ND     | 47   | mg/Kg   | 1  | 7/31/2020 5:48:03 PM   | 54051   |  |
| 60.7   | 30.4-154   | %Rec  | 1  | 7/31/2020 5:48:03 PM   | 54051   |  |
|        |  |   |  | Analyst  | DJF   |  |
| ND     | 0.025  | mg/Kg   | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| ND     | 0.050  | mg/Kg   | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| ND     | 0.050  | mg/Kg   | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| ND     | 0.099  | mg/Kg   | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| 102    | 70-130   | %Rec  | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| 100    | 70-130   | %Rec  | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| 106    | 70-130   | %Rec  | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
| 97.9   | 70-130   | %Rec  | 1  | 7/31/2020 3:40:18 PM   | 54045   |  |
|        | ND<br>103<br>NICS<br>ND<br>60.7<br>ND<br>ND<br>ND<br>ND<br>ND<br>102<br>100<br>106 | ND         60           ND         5.0           103         70-130           NICS         9.4           ND         9.4           ND         47           60.7         30.4-154           ND         0.025           ND         0.050           ND         0.050           ND         0.050           ND         0.099           102         70-130           100         70-130           106         70-130 | ND         60         mg/Kg           ND         5.0         mg/Kg           103         70-130         %Rec           NICS         MD         9.4         mg/Kg           ND         47         mg/Kg           60.7         30.4-154         %Rec           ND         0.025         mg/Kg           ND         0.050         mg/Kg <td>ND         60         mg/Kg         20           ND         5.0         mg/Kg         1           103         70-130         %Rec         1           NICS         ND         9.4         mg/Kg         1           ND         47         mg/Kg         1           60.7         30.4-154         %Rec         1           ND         0.025         mg/Kg         1           ND         0.050         mg/Kg         1           ND         0.099         mg/Kg         1           ND         0.099         mg/Kg         1           100         70-130         %Rec         1           106         70-130         %Rec         1</td> <td>ND         60         mg/Kg         20         8/3/2020 10:30:35 PM           ND         60         mg/Kg         20         8/3/2020 10:30:35 PM           ND         5.0         mg/Kg         1         7/31/2020 3:40:18 PM           103         70-130         %Rec         1         7/31/2020 3:40:18 PM           ND         5.0         mg/Kg         1         7/31/2020 3:40:18 PM           NICS         Analyst           ND         9.4         mg/Kg         1         7/31/2020 5:48:03 PM           ND         47         mg/Kg         1         7/31/2020 5:48:03 PM           60.7         30.4-154         %Rec         1         7/31/2020 5:48:03 PM           MD         47         mg/Kg         1         7/31/2020 5:48:03 PM           MD         0.025         mg/Kg         1         7/31/2020 5:48:03 PM           MD         0.025         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.050         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.050         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.099         mg/Kg         1         7/31/2020 3:40:18 PM</td> | ND         60         mg/Kg         20           ND         5.0         mg/Kg         1           103         70-130         %Rec         1           NICS         ND         9.4         mg/Kg         1           ND         47         mg/Kg         1           60.7         30.4-154         %Rec         1           ND         0.025         mg/Kg         1           ND         0.050         mg/Kg         1           ND         0.099         mg/Kg         1           ND         0.099         mg/Kg         1           100         70-130         %Rec         1           106         70-130         %Rec         1 | ND         60         mg/Kg         20         8/3/2020 10:30:35 PM           ND         60         mg/Kg         20         8/3/2020 10:30:35 PM           ND         5.0         mg/Kg         1         7/31/2020 3:40:18 PM           103         70-130         %Rec         1         7/31/2020 3:40:18 PM           ND         5.0         mg/Kg         1         7/31/2020 3:40:18 PM           NICS         Analyst           ND         9.4         mg/Kg         1         7/31/2020 5:48:03 PM           ND         47         mg/Kg         1         7/31/2020 5:48:03 PM           60.7         30.4-154         %Rec         1         7/31/2020 5:48:03 PM           MD         47         mg/Kg         1         7/31/2020 5:48:03 PM           MD         0.025         mg/Kg         1         7/31/2020 5:48:03 PM           MD         0.025         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.050         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.050         mg/Kg         1         7/31/2020 3:40:18 PM           ND         0.099         mg/Kg         1         7/31/2020 3:40:18 PM |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-29 H-North Collection Date: 7/27/2020 12:20:00 PM

| Lab ID:  | 2007E37-029             | Matrix: SOIL |          | Received Date: 7/29/2020 9:30:00 AM |    |                      |       |  |
|----------|-------------------------|--------------|----------|-------------------------------------|----|----------------------|-------|--|
| Analyses | 5                       | Result       | RL       | Qual Units                          | DF | Date Analyzed        | Batch |  |
| EPA ME   | THOD 300.0: ANIONS      |              |          |                                     |    | Analyst              | CAS   |  |
| Chloride | )                       | ND           | 59       | mg/Kg                               | 20 | 8/3/2020 10:42:56 PM | 54139 |  |
| EPA ME   | THOD 8015D MOD: GASOLI  | NE RANGE     |          |                                     |    | Analyst              | DJF   |  |
| Gasolin  | e Range Organics (GRO)  | ND           | 4.9      | mg/Kg                               | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Surr:    | BFB                     | 99.1         | 70-130   | %Rec                                | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| EPA ME   | THOD 8015M/D: DIESEL RA | NGE ORGANICS |          |                                     |    | Analyst              | CLP   |  |
| Diesel F | Range Organics (DRO)    | ND           | 9.8      | mg/Kg                               | 1  | 7/31/2020 5:58:41 PM | 54051 |  |
| Motor O  | il Range Organics (MRO) | ND           | 49       | mg/Kg                               | 1  | 7/31/2020 5:58:41 PM | 54051 |  |
| Surr:    | DNOP                    | 64.9         | 30.4-154 | %Rec                                | 1  | 7/31/2020 5:58:41 PM | 54051 |  |
| EPA ME   | THOD 8260B: VOLATILES S | HORT LIST    |          |                                     |    | Analyst              | DJF   |  |
| Benzen   | e                       | ND           | 0.025    | mg/Kg                               | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Toluene  |                         | ND           | 0.049    | mg/Kg                               | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Ethylber | nzene                   | ND           | 0.049    | mg/Kg                               | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Xylenes  | , Total                 | ND           | 0.099    | mg/Kg                               | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Surr:    | 1,2-Dichloroethane-d4   | 106          | 70-130   | %Rec                                | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Surr:    | 4-Bromofluorobenzene    | 100          | 70-130   | %Rec                                | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Surr:    | Dibromofluoromethane    | 107          | 70-130   | %Rec                                | 1  | 7/31/2020 4:08:57 PM | 54045 |  |
| Surr:    | Toluene-d8              | 101          | 70-130   | %Rec                                | 1  | 7/31/2020 4:08:57 PM | 54045 |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-030

Devon Cotton Draw 181 SWD

Client Sample ID: AH-30 Surface Collection Date: 7/27/2020 12:50:00 PM Received Date: 7/29/2020 9:30:00 AM

|  | Matrix, SOIL |          | <b>Accelved Date:</b> <i>(12)</i> /2020 9.50.00 MM |    |                      |       |  |  |
|--|--------------|----------|--|----|----------------------|-------|--|--|
| Analyses                               | Result       | RL       | Qual Units   | DF | Date Analyzed        | Batch |  |  |
| EPA METHOD 300.0: ANIONS               |              |          |  |    | Analyst              | CAS   |  |  |
| Chloride                               | ND           | 60       | mg/Kg  | 20 | 8/3/2020 10:55:17 PM | 54139 |  |  |
| EPA METHOD 8015D MOD: GASOLINE RANGE   |              |          |  |    | Analyst              | DJF   |  |  |
| Gasoline Range Organics (GRO)          | ND           | 4.9      | mg/Kg  | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Surr: BFB                              | 94.3         | 70-130   | %Rec   | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| EPA METHOD 8015M/D: DIESEL RANGE ORGA  | NICS         |          |  |    | Analyst              | CLP   |  |  |
| Diesel Range Organics (DRO)            | ND           | 9.9      | mg/Kg  | 1  | 7/31/2020 6:09:15 PM | 54051 |  |  |
| Motor Oil Range Organics (MRO)         | ND           | 50       | mg/Kg  | 1  | 7/31/2020 6:09:15 PM | 54051 |  |  |
| Surr: DNOP                             | 98.6         | 30.4-154 | %Rec   | 1  | 7/31/2020 6:09:15 PM | 54051 |  |  |
| EPA METHOD 8260B: VOLATILES SHORT LIST |              |          |  |    | Analyst              | DJF   |  |  |
| Benzene                                | ND           | 0.025    | mg/Kg  | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Toluene                                | ND           | 0.049    | mg/Kg  | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Ethylbenzene                           | ND           | 0.049    | mg/Kg  | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Xylenes, Total                         | ND           | 0.099    | mg/Kg  | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Surr: 1,2-Dichloroethane-d4            | 98.7         | 70-130   | %Rec   | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Surr: 4-Bromofluorobenzene             | 95.1         | 70-130   | %Rec   | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Surr: Dibromofluoromethane             | 101          | 70-130   | %Rec   | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
| Surr: Toluene-d8                       | 98.0         | 70-130   | %Rec   | 1  | 7/31/2020 4:37:36 PM | 54045 |  |  |
|  |              |          |  |    |                      |       |  |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Lab ID:

**Analytical Report** Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-031

Devon Cotton Draw 181 SWD

Client Sample ID: AH-31 Surface Collection Date: 7/27/2020 1:20:00 PM Received Date: 7/29/2020 9:30:00 AM

| Matrix: 5012 |  | Acceived Date: 112)12020 9:50:00 7101  |   |  |  |  |  |
|--------------|--|--|---|--|--|--|--|
| Result       | RL   | Qual Units   | DF  | Date Analyzed  | Batch  |  |  |
|              |  |  |   | Analyst  | CAS  |  |  |
| ND           | 60   | mg/Kg  | 20  | 8/3/2020 11:07:37 PM   | 54139  |  |  |
|              |  |  |   | Analyst  | DJF  |  |  |
| ND           | 4.9  | mg/Kg  | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| 104          | 70-130   | %Rec   | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| NICS         |  |  |   | Analyst  | : CLP  |  |  |
| ND           | 9.8  | mg/Kg  | 1   | 7/31/2020 6:19:51 PM   | 54051  |  |  |
| ND           | 49   | mg/Kg  | 1   | 7/31/2020 6:19:51 PM   | 54051  |  |  |
| 88.9         | 30.4-154   | %Rec   | 1   | 7/31/2020 6:19:51 PM   | 54051  |  |  |
|              |  |  |   | Analyst  | DJF  |  |  |
| ND           | 0.024  | mg/Kg  | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| ND           | 0.049  | mg/Kg  | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| ND           | 0.049  | mg/Kg  | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| ND           | 0.098  | mg/Kg  | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| 103          | 70-130   | %Rec   | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| 97.0         | 70-130   | %Rec   | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| 107          | 70-130   | %Rec   | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
| 104          | 70-130   | %Rec   | 1   | 7/31/2020 5:06:15 PM   | 54045  |  |  |
|              | Result           ND           ND           104           NICS           ND           ND           88.9           ND           ND           ND           ND           ND           103           97.0           107 | Result         RL           ND         60           ND         4.9           104         70-130           NICS            ND         9.8           ND         49           88.9         30.4-154           ND         0.024           ND         0.049           ND         0.049           ND         0.098           103         70-130           97.0         70-130           107         70-130 | Result         RL         Qual         Units           ND         60         mg/Kg           ND         4.9         mg/Kg           104         70-130         %Rec           NICS         MD         9.8         mg/Kg           ND         9.8         mg/Kg           ND         9.8         mg/Kg           ND         9.8         mg/Kg           ND         49         mg/Kg           ND         0.024         mg/Kg           ND         0.049         mg/Kg           ND         0.049         mg/Kg           ND         0.049         mg/Kg           ND         0.098         mg/Kg           ND         0.098         mg/Kg           ND         0.013         %Rec           97.0         70-130         %Rec | Result         RL         Qual         Units         DF           ND         60         mg/Kg         20           ND         4.9         mg/Kg         1           104         70-130         %Rec         1           ND         9.8         mg/Kg         1           ND         49         mg/Kg         1           ND         49         mg/Kg         1           ND         0.024         mg/Kg         1           ND         0.049         mg/Kg         1           ND         0.049         mg/Kg         1           ND         0.049         mg/Kg         1           ND         0.098         mg/Kg         1           ND         0.098         mg/Kg         1           ND         0.098         mg/Kg         1           103         70-130         %Rec         1           97.0         70-130         %Rec         1 | Result         RL         Qual         Units         DF         Date Analyzed           ND         60         mg/Kg         20         8/3/2020 11:07:37 PM         Analyst           ND         4.9         mg/Kg         1         7/31/2020 5:06:15 PM         Analyst           ND         4.9         mg/Kg         1         7/31/2020 5:06:15 PM         Analyst           ND         4.9         mg/Kg         1         7/31/2020 5:06:15 PM         Analyst           NICS         Analyst         Malyst         Analyst         Analyst           ND         9.8         mg/Kg         1         7/31/2020 6:19:51 PM           ND         49         mg/Kg         1         7/31/2020 6:19:51 PM           ND         49         mg/Kg         1         7/31/2020 6:19:51 PM           88.9         30.4-154         %Rec         1         7/31/2020 6:19:51 PM           ND         0.024         mg/Kg         1         7/31/2020 5:06:15 PM           ND         0.024         mg/Kg         1         7/31/2020 5:06:15 PM           ND         0.049         mg/Kg         1         7/31/2020 5:06:15 PM           ND         0.098         mg/Kg         1 |  |  |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL
  - Reporting Limit

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Analytical Report Lab Order 2007E37

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

Devon Cotton Draw 181 SWD

Date Reported: 8/5/2020 Client Sample ID: AH-32 Surface Collection Date: 7/27/2020 1:50:00 PM

| Lab ID: 2007E37-032            | Matrix: SOIL   |          | <b>Received Date:</b> 7/29/2020 9:30:00 AM |    |                      |       |  |  |
|--------------------------------|----------------|----------|--|----|----------------------|-------|--|--|
| Analyses                       | Result         | RL       | Qual Units                                 | DF | Date Analyzed        | Batch |  |  |
| EPA METHOD 300.0: ANIONS       |                |          |  |    | Analyst              | CAS   |  |  |
| Chloride                       | 290            | 60       | mg/Kg                                      | 20 | 8/3/2020 11:19:57 PM | 54139 |  |  |
| EPA METHOD 8015D MOD: GAS      | OLINE RANGE    |          |  |    | Analyst              | DJF   |  |  |
| Gasoline Range Organics (GRO)  | ND             | 4.9      | mg/Kg                                      | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Surr: BFB                      | 102            | 70-130   | %Rec                                       | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| EPA METHOD 8015M/D: DIESEL     | RANGE ORGANICS |          |  |    | Analyst              | CLP   |  |  |
| Diesel Range Organics (DRO)    | ND             | 9.6      | mg/Kg                                      | 1  | 7/31/2020 6:30:17 PM | 54051 |  |  |
| Motor Oil Range Organics (MRO) | ND             | 48       | mg/Kg                                      | 1  | 7/31/2020 6:30:17 PM | 54051 |  |  |
| Surr: DNOP                     | 120            | 30.4-154 | %Rec                                       | 1  | 7/31/2020 6:30:17 PM | 54051 |  |  |
| EPA METHOD 8260B: VOLATILE     | S SHORT LIST   |          |  |    | Analyst              | DJF   |  |  |
| Benzene                        | ND             | 0.024    | mg/Kg                                      | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Toluene                        | ND             | 0.049    | mg/Kg                                      | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Ethylbenzene                   | ND             | 0.049    | mg/Kg                                      | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Xylenes, Total                 | ND             | 0.098    | mg/Kg                                      | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Surr: 1,2-Dichloroethane-d4    | 99.4           | 70-130   | %Rec                                       | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Surr: 4-Bromofluorobenzene     | 98.5           | 70-130   | %Rec                                       | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Surr: Dibromofluoromethane     | 106            | 70-130   | %Rec                                       | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |
| Surr: Toluene-d8               | 101            | 70-130   | %Rec                                       | 1  | 7/31/2020 5:35:00 PM | 54045 |  |  |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions

2007E37-033

Devon Cotton Draw 181 SWD

Client Sample ID: AH-33 Surface Collection Date: 7/27/2020 2:10:00 PM Received Date: 7/29/2020 9:30:00 AM

| Analyses                              | Result | RL       | Qual Units | DF | Date Analyzed        | Batch |
|---------------------------------------|--------|----------|------------|----|----------------------|-------|
| EPA METHOD 300.0: ANIONS              |        |          |            |    | Analyst              | CAS   |
| Chloride                              | ND     | 60       | mg/Kg      | 20 | 8/3/2020 11:32:17 PM | 54139 |
| EPA METHOD 8015D MOD: GASOLINE RANG   | E      |          |            |    | Analyst              | DJF   |
| Gasoline Range Organics (GRO)         | ND     | 4.9      | mg/Kg      | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Surr: BFB                             | 96.1   | 70-130   | %Rec       | 1  | 7/31/2020 6:03:42 PM | 54045 |
| EPA METHOD 8015M/D: DIESEL RANGE ORG  | ANICS  |          |            |    | Analyst              | : CLP |
| Diesel Range Organics (DRO)           | ND     | 9.7      | mg/Kg      | 1  | 7/31/2020 6:40:36 PM | 54051 |
| Motor Oil Range Organics (MRO)        | ND     | 48       | mg/Kg      | 1  | 7/31/2020 6:40:36 PM | 54051 |
| Surr: DNOP                            | 80.3   | 30.4-154 | %Rec       | 1  | 7/31/2020 6:40:36 PM | 54051 |
| EPA METHOD 8260B: VOLATILES SHORT LIS | БТ     |          |            |    | Analyst              | DJF   |
| Benzene                               | ND     | 0.024    | mg/Kg      | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Toluene                               | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Ethylbenzene                          | ND     | 0.049    | mg/Kg      | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Xylenes, Total                        | ND     | 0.098    | mg/Kg      | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Surr: 1,2-Dichloroethane-d4           | 104    | 70-130   | %Rec       | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Surr: 4-Bromofluorobenzene            | 98.7   | 70-130   | %Rec       | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Surr: Dibromofluoromethane            | 107    | 70-130   | %Rec       | 1  | 7/31/2020 6:03:42 PM | 54045 |
| Surr: Toluene-d8                      | 98.3   | 70-130   | %Rec       | 1  | 7/31/2020 6:03:42 PM | 54045 |

Matrix: SOIL

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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05-Aug-20

WO#:

| Client:            | Safeta & Frankrammantal Saletiana  |
|--------------------|--|
| Chent:<br>Project: | Safety & Environmental Solutions<br>Devon Cotton Draw 181 SWD  |
| i i oject.         |  |
| Sample ID: MB-5    | 4130     SampType: mblk     TestCode: EPA Method 300.0: Anions   |
| Client ID: PBS     | Batch ID: 54130 RunNo: 70807   |
| Prep Date: 8/3/2   | 2020         Analysis Date:         8/3/2020         SeqNo:         2464841         Units:         mg/Kg |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | ND 1.5   |
| Sample ID: LCS-    | 54130     SampType: Ics     TestCode: EPA Method 300.0: Anions   |
| Client ID: LCSS    | Batch ID: 54130 RunNo: 70807   |
| Prep Date: 8/3/2   | 2020         Analysis Date:         8/3/2020         SeqNo:         2464842         Units:         mg/Kg |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | 14 1.5 15.00 0 95.0 90 110   |
| Sample ID: MB-5    | 4139     SampType: mblk     TestCode: EPA Method 300.0: Anions   |
| Client ID: PBS     | Batch ID: 54139 RunNo: 70812   |
| Prep Date: 8/3/2   | 2020         Analysis Date:         8/3/2020         SeqNo:         2465249         Units:         mg/Kg |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | ND 1.5   |
| Sample ID: LCS-    | 54139     SampType: Ics     TestCode: EPA Method 300.0: Anions   |
| Client ID: LCSS    | Batch ID: 54139 RunNo: 70812   |
| Prep Date: 8/3/2   | 2020         Analysis Date:         8/3/2020         SeqNo:         2465250         Units:         mg/Kg |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | 14 1.5 15.00 0 92.0 90 110   |
| Sample ID: MB-5    | 4133 SampType: mblk TestCode: EPA Method 300.0: Anions   |
| Client ID: PBS     | Batch ID: 54133 RunNo: 70785   |
| Prep Date: 8/3/2   | 2020 Analysis Date: 8/3/2020 SeqNo: 2465333 Units: mg/Kg   |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | ND 1.5   |
| Sample ID: LCS-    | 54133     SampType: Ics     TestCode: EPA Method 300.0: Anions   |
| Client ID: LCSS    | Batch ID: 54133 RunNo: 70785   |
| Prep Date: 8/3/    | 2020 Analysis Date: 8/3/2020 SeqNo: 2465334 Units: mg/Kg   |
| Analyte            | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual                              |
| Chloride           | 14 1.5 15.00 0 91.4 90 110   |

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- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
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## **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

| Hall Environment               | tal Analysis Laborat                             | ory, Inc.   | 05-Aug-20 |
|--------------------------------|--|---|-----------|
| •                              | & Environmental Solutions<br>Cotton Draw 181 SWD |   |           |
| Devoir C                       |  |   |           |
| Sample ID: LCS-54043           | SampType: LCS                                    | TestCode: EPA Method 8015M/D: Diesel Range Organics |           |
| Client ID: LCSS                | Batch ID: 54043                                  | RunNo: 70757  |           |
| Prep Date: 7/29/2020           | Analysis Date: 7/30/2020                         | SeqNo: 2462544 Units: mg/Kg                         |           |
| Analyte                        | Result PQL SPK value                             | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit   | Qual      |
| Diesel Range Organics (DRO)    | 43 10 50.00                                      | 0 86.1 70 130                                       |           |
| Surr: DNOP                     | 4.0 5.000  | 79.6 30.4 154                                       |           |
| Sample ID: MB-54043            | SampType: <b>MBLK</b>                            | TestCode: EPA Method 8015M/D: Diesel Range Organics |           |
| Client ID: PBS                 | Batch ID: 54043                                  | RunNo: <b>70757</b>                                 |           |
| Prep Date: 7/29/2020           | Analysis Date: 7/30/2020                         | SeqNo: 2462545 Units: mg/Kg                         |           |
| Analyte                        | Result PQL SPK value                             | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit   | Qual      |
| Diesel Range Organics (DRO)    | ND 10  |   |           |
| Motor Oil Range Organics (MRO) | ND 50  |   |           |
| Surr: DNOP                     | 11 10.00   | 114 30.4 154  |           |
| Sample ID: MB-54047            | SampType: MBLK                                   | TestCode: EPA Method 8015M/D: Diesel Range Organics |           |
| Client ID: PBS                 | Batch ID: 54047                                  | RunNo: 70804  |           |
| Prep Date: 7/29/2020           | Analysis Date: 7/31/2020                         | SeqNo: 2464707 Units: mg/Kg                         |           |
| Analyte                        | Result PQL SPK value                             | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit   | Qual      |
| Diesel Range Organics (DRO)    | ND 10  |   |           |
| Motor Oil Range Organics (MRO) | ND 50  |   |           |
| Surr: DNOP                     | 9.9 10.00  | 99.4 30.4 154                                       |           |
| Sample ID: MB-54051            | SampType: MBLK                                   | TestCode: EPA Method 8015M/D: Diesel Range Organics |           |
| Client ID: PBS                 | Batch ID: 54051                                  | RunNo: <b>70804</b>                                 |           |
| Prep Date: 7/29/2020           | Analysis Date: 7/31/2020                         | SeqNo: 2464708 Units: mg/Kg                         |           |
| Analyte                        | Result PQL SPK value                             | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit   | Qual      |
| Diesel Range Organics (DRO)    | ND 10  |   |           |
| Motor Oil Range Organics (MRO) | ND 50  |   |           |
| Surr: DNOP                     | 12 10.00   | 124 30.4 154  |           |

| Sample ID: LCS-54047        | SampT       | ype: LC | S         | Test        | TestCode: EPA Method 8015M/D: Diesel Range Organics |          |             |      |          |      |
|-----------------------------|-------------|---------|-----------|-------------|---|----------|-------------|------|----------|------|
| Client ID: LCSS             | Batch       | ID: 54  | 047       | R           | RunNo: 70804  |          |             |      |          |      |
| Prep Date: 7/29/2020        | Analysis Da | ate: 7/ | 31/2020   | S           | eqNo: 2   | 464709   | Units: mg/K | (g   |          |      |
| Analyte                     | Result      | PQL     | SPK value | SPK Ref Val | %REC  | LowLimit | HighLimit   | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51          | 10      | 50.00     | 0           | 102   | 70       | 130         |      |          |      |
| Surr: DNOP                  | 4.8         |         | 5.000     |             | 95.1  | 30.4     | 154         |      |          |      |

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| Client:<br>Project: | •             | Environme  |                |           |   |           |           |              |            |            |      |  |
|---------------------|---------------|------------|----------------|-----------|---|-----------|-----------|--------------|------------|------------|------|--|
| •                   |               |            |                |           | T   |           |           | 004 FM/D. D: |            | . Onumine  |      |  |
| Sample ID: L        |               | •          | ype: LC        |           | TestCode: EPA Method 8015M/D: Diesel Range Organics |           |           |              |            |            |      |  |
| Client ID: L        | CSS           | Batch      | n ID: 54       | 051       | F   | RunNo: 7  | 0804      |              |            |            |      |  |
| Prep Date:          | 7/29/2020     | Analysis D | ate: 7/        | 31/2020   | 5   | SeqNo: 24 | 464710    | Units: mg/K  | ζg         |            |      |  |
| Analyte             |               | Result     | PQL            | SPK value | SPK Ref Val   | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |  |
| Diesel Range Org    | anics (DRO)   | 58         | 10             | 50.00     | 0   | 116       | 70        | 130          |            |            |      |  |
| Surr: DNOP          |               | 5.7        |                | 5.000     |   | 115       | 30.4      | 154          |            |            |      |  |
| Sample ID: 20       | 007E37-002AMS | SampT      | ype: <b>MS</b> | 3         | Tes   | tCode: El | PA Method | 8015M/D: Di  | esel Range | e Organics |      |  |
| Client ID: A        | H-2 Surface   | Batch      | n ID: 54       | 047       | F   | RunNo: 7  | 0804      |              |            |            |      |  |
| Prep Date:          | 7/29/2020     | Analysis D | ate: 7/        | 31/2020   | S   | SeqNo: 24 | 464755    | Units: mg/k  | ٢g         |            |      |  |
| Analyte             |               | Result     | PQL            | SPK value | SPK Ref Val   | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |  |
| Diesel Range Org    | ganics (DRO)  | 45         | 9.4            | 47.17     | 0   | 96.1      | 47.4      | 136          |            |            |      |  |
| Surr: DNOP          |               | 4.6        |                | 4.717     |   | 97.6      | 30.4      | 154          |            |            |      |  |
| Sample ID: 20       | 007E37-002AMS | D SampT    | ype: <b>MS</b> | SD        | Tes   | tCode: El | PA Method | 8015M/D: Di  | esel Range | e Organics |      |  |
| Client ID: A        | H-2 Surface   | Batch      | n ID: 54       | 047       | F   | RunNo: 7  | 0804      |              |            |            |      |  |
| Prep Date:          | 7/29/2020     | Analysis D | ate: 7/        | 31/2020   | S   | SeqNo: 24 | 464758    | Units: mg/k  | ٤g         |            |      |  |
| Analyte             |               | Result     | PQL            | SPK value | SPK Ref Val   | %REC      | LowLimit  | HighLimit    | %RPD       | RPDLimit   | Qual |  |
| Diesel Range Org    | ganics (DRO)  | 50         | 9.1            | 45.66     | 0   | 110       | 47.4      | 136          | 10.6       | 43.4       |      |  |
| Surr: DNOP          |               | 5.7        |                | 4.566     |   | 125       | 30.4      | 154          | 0          | 0          |      |  |

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WO#:

**Client:** 

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

| <b>Project:</b> Devon Co      | otton Draw 18  | 1 SWD  |                     |           |           |                    |           |          |      |
|-------------------------------|----------------|--|---------------------|-----------|-----------|--------------------|-----------|----------|------|
| Sample ID: 2007e37-002ams     | SampType       | MS   | Tes                 | tCode: El | PA Method | 8015D: Gaso        | line Rang | e        |      |
| Client ID: AH-2 Surface       | Batch ID:      | 54044  | RunNo: <b>70754</b> |           |           |                    |           |          |      |
| Prep Date: 7/29/2020          | Analysis Date: | 7/31/2020  | S                   | SeqNo: 24 | 462779    | Units: <b>mg/K</b> | g         |          |      |
| Analyte                       | Result P       | QL SPK value   | SPK Ref Val         | %REC      | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22             | 4.9 24.58  | 0                   | 89.0      | 61.3      | 114                |           |          |      |
| Surr: BFB                     | 1100           | 983.3  |                     | 109       | 75.3      | 105                |           |          | S    |
| Sample ID: 2007e37-002amsc    | SampType:      | SampType: MSD TestCode: EPA Method 8015D: Gasoline Range |                     |           |           |                    |           |          |      |
| Client ID: AH-2 Surface       | Batch ID:      | 54044  | F                   | RunNo: 7  | 0754      |                    |           |          |      |
| Prep Date: 7/29/2020          | Analysis Date: | 7/31/2020  | S                   | SeqNo: 24 | 462780    | Units: mg/K        | g         |          |      |
| Analyte                       | Result PO      | QL SPK value   | SPK Ref Val         | %REC      | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20             | 4.8 24.15  | 0                   | 82.2      | 61.3      | 114                | 9.69      | 20       |      |
| Surr: BFB                     | 1000           | 966.2  |                     | 108       | 75.3      | 105                | 0         | 0        | S    |
| Sample ID: Ics-54044          | SampType       | LCS  | Tes                 | tCode: El | PA Method | 8015D: Gaso        | line Rang | e        |      |
| Client ID: LCSS               | Batch ID:      | 54044  | F                   | RunNo: 7  | 0754      |                    |           |          |      |
| Prep Date: 7/29/2020          | Analysis Date: | 7/31/2020  | 5                   | SeqNo: 24 | 462804    | Units: <b>mg/K</b> | g         |          |      |
| Analyte                       | Result PO      | QL SPK value   | SPK Ref Val         | %REC      | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20             | 5.0 25.00  | 0                   | 81.8      | 72.5      | 106                |           |          |      |
| Surr: BFB                     | 1100           | 1000   |                     | 105       | 75.3      | 105                |           |          | S    |
| Sample ID: mb-54044           | SampType       | MBLK   | Tes                 | tCode: El | PA Method | 8015D: Gaso        | line Rang | e        |      |
| Client ID: PBS                | Batch ID:      | 54044  | F                   | RunNo: 7  | 0754      |                    |           |          |      |
| Prep Date: 7/29/2020          | Analysis Date: | 7/31/2020  | 5                   | SeqNo: 24 | 462805    | Units: <b>mg/K</b> | g         |          |      |
| Analyte                       | Result P       | QL SPK value   | SPK Ref Val         | %REC      | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Gasoline Range Organics (GRO) |                | 5.0  |                     |           |           |                    |           |          |      |
| Surr: BFB                     | 1000           | 1000   |                     | 99.9      | 75.3      | 105                |           |          |      |

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| Client:Safety & IProject:Devon Co |                   |                 |           |                     |                             |           |              |       |          |      |
|-----------------------------------|-------------------|-----------------|-----------|---------------------|-----------------------------|-----------|--------------|-------|----------|------|
| Sample ID: 2007e37-003ams         | Samp <sup>-</sup> | Гуре: МS        | 3         | Tes                 | tCode: EF                   | PA Method | 8021B: Volat | iles  |          |      |
| Client ID: AH-3 H-West            | Batc              | h ID: 54        | 044       | F                   | unNo: 7                     | )754      |              |       |          |      |
| Prep Date: 7/29/2020              | Analysis [        | Date: 7/        | 31/2020   | S                   | SeqNo: 2462879 Units: mg/Kg |           |              |       |          |      |
| Analyte                           | Result            | PQL             | SPK value | SPK Ref Val         | %REC                        | LowLimit  | HighLimit    | %RPD  | RPDLimit | Qual |
| Benzene                           | 0.95              | 0.024           | 0.9728    | 0                   | 97.2                        | 76.3      | 120          |       |          |      |
| Toluene                           | 0.99              | 0.049           | 0.9728    | 0.01032             | 101                         | 78.5      | 120          |       |          |      |
| Ethylbenzene                      | 1.0               | 0.049           | 0.9728    | 0                   | 103                         | 78.1      | 124          |       |          |      |
| Xylenes, Total                    | 3.0               | 0.097           | 2.918     | 0                   | 104                         | 79.3      | 125          |       |          |      |
| Surr: 4-Bromofluorobenzene        | 1.0               |                 | 0.9728    |                     | 106                         | 80        | 120          |       |          |      |
| Sample ID: 2007e37-003amsd        | Samp              | Гуре: МS        | SD        | Tes                 | tCode: EF                   | PA Method | 8021B: Volat | iles  |          |      |
| Client ID: AH-3 H-West            | Batc              | h ID: 54        | 044       | F                   | tunNo: 7                    | 0754      |              |       |          |      |
| Prep Date: 7/29/2020              | Analysis [        | Date: 7/        | 31/2020   | S                   | eqNo: 24                    | 462880    | Units: mg/k  | (g    |          |      |
| Analyte                           | Result            | PQL             |           | SPK Ref Val         | %REC                        | LowLimit  | HighLimit    | %RPD  | RPDLimit | Qual |
| Benzene                           | 0.93              | 0.024           | 0.9756    | 0                   | 95.6                        | 76.3      | 120          | 1.29  | 20       |      |
| Toluene                           | 0.98              | 0.049           | 0.9756    | 0.01032             | 99.2                        | 78.5      | 120          | 1.23  | 20       |      |
| Ethylbenzene                      | 1.0               | 0.049           | 0.9756    | 0                   | 103                         | 78.1      | 124          | 0.552 | 20       |      |
| Xylenes, Total                    | 3.0               | 0.098           | 2.927     | 0                   | 104                         | 79.3      | 125          | 0.427 | 20       |      |
| Surr: 4-Bromofluorobenzene        | 1.0               |                 | 0.9756    |                     | 104                         | 80        | 120          | 0     | 0        |      |
| Sample ID: LCS-54044              | Samp              | Гуре: <b>LC</b> | S         | Tes                 | tCode: EF                   | PA Method | 8021B: Volat | iles  |          |      |
| Client ID: LCSS                   | Batc              | h ID: 54        | 044       | RunNo: <b>70754</b> |                             |           |              |       |          |      |
| Prep Date: 7/29/2020              | Analysis [        | Date: 7/        | 31/2020   | S                   | SeqNo: 2462903 Units: mg/Kg |           |              |       |          |      |
| Analyte                           | Result            | PQL             | SPK value | SPK Ref Val         | %REC                        | LowLimit  | HighLimit    | %RPD  | RPDLimit | Qual |
| Benzene                           | 0.91              | 0.025           | 1.000     | 0                   | 91.4                        | 80        | 120          |       |          |      |
| Toluene                           | 0.91              | 0.050           | 1.000     | 0                   | 91.2                        | 80        | 120          |       |          |      |
| Ethylbenzene                      | 0.91              | 0.050           | 1.000     | 0                   | 91.4                        | 80        | 120          |       |          |      |
| Xylenes, Total                    | 2.8               | 0.10            | 3.000     | 0                   | 93.3                        | 80        | 120          |       |          |      |
| Surr: 4-Bromofluorobenzene        | 1.1               |                 | 1.000     |                     | 105                         | 80        | 120          |       |          |      |
| Sample ID: mb-54044               | Samp              | Type: ME        | BLK       | Tes                 | tCode: EF                   | PA Method | 8021B: Vola  | iles  |          |      |
| Client ID: PBS                    | Batc              | h ID: 54        | 044       | F                   | lunNo: 7                    | 0754      |              |       |          |      |
| Prep Date: 7/29/2020              | Analysis [        | Date: 7/        | 31/2020   | S                   | eqNo: 24                    | 462904    | Units: mg/k  | (g    |          |      |
| Analyte                           | Result            | PQL             | SPK value | SPK Ref Val         | %REC                        | LowLimit  | HighLimit    | %RPD  | RPDLimit | Qual |
| Benzene                           | ND                | 0.025           |           |                     |                             |           |              |       |          |      |
| Toluene                           | ND                | 0.050           |           |                     |                             |           |              |       |          |      |
| Ethylbenzene                      | ND                | 0.050           |           |                     |                             |           |              |       |          |      |
| Xylenes, Total                    | ND                | 0.10            |           |                     |                             |           |              |       |          |      |
| Surr: 4-Bromofluorobenzene        | 1.0               |                 | 1.000     |                     | 104                         | 80        | 120          |       |          |      |

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- WO#: 2007E37
  - 05-Aug-20

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| •                           | & Environm<br>Cotton Drav |                 |           |             |                |           |                    |              |          |      |  |
|-----------------------------|---------------------------|-----------------|-----------|-------------|----------------|-----------|--------------------|--------------|----------|------|--|
| Sample ID: mb-54042         | Samp                      | Гуре: <b>МЕ</b> | BLK       | Tes         | tCode: EF      | PA Method | 8260B: Volat       | iles Short   | List     |      |  |
| Client ID: PBS              | Batc                      | h ID: 54        | 042       | F           | RunNo: 70747   |           |                    |              |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 30/2020   | S           | SeqNo: 2462167 |           |                    | Units: mg/Kg |          |      |  |
| Analyte                     | Result                    | PQL             | SPK value | SPK Ref Val | %REC           | LowLimit  | HighLimit          | %RPD         | RPDLimit | Qual |  |
| Benzene                     | ND                        | 0.025           |           |             |                |           | 0                  |              |          |      |  |
| Toluene                     | ND                        | 0.050           |           |             |                |           |                    |              |          |      |  |
| Ethylbenzene                | ND                        | 0.050           |           |             |                |           |                    |              |          |      |  |
| Xylenes, Total              | ND                        | 0.10            |           |             |                |           |                    |              |          |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.51                      |                 | 0.5000    |             | 102            | 70        | 130                |              |          |      |  |
| Surr: 4-Bromofluorobenzene  | 0.49                      |                 | 0.5000    |             | 99.0           | 70        | 130                |              |          |      |  |
| Surr: Dibromofluoromethane  | 0.52                      |                 | 0.5000    |             | 103            | 70        | 130                |              |          |      |  |
| Surr: Toluene-d8            | 0.48                      |                 | 0.5000    |             | 96.4           | 70        | 130                |              |          |      |  |
| Sample ID: Ics-54042        | Samp                      | Гуре: <b>LC</b> | :S4       | Tes         | tCode: EF      | PA Method | 8260B: Volat       | iles Short   | List     |      |  |
| Client ID: BatchQC          | Batc                      | h ID: 54        | 042       | F           | lunNo: 7       | )747      |                    |              |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 30/2020   | S           | eqNo: 24       | 462168    | Units: mg/K        | g            |          |      |  |
| Analyte                     | Result                    | PQL             | SPK value | SPK Ref Val | %REC           | LowLimit  | HighLimit          | %RPD         | RPDLimit | Qual |  |
| Benzene                     | 0.92                      | 0.025           | 1.000     | 0           | 91.5           | 80        | 120                |              |          |      |  |
| Toluene                     | 0.99                      | 0.050           | 1.000     | 0           | 99.1           | 80        | 120                |              |          |      |  |
| Ethylbenzene                | 1.0                       | 0.050           | 1.000     | 0           | 101            | 80        | 120                |              |          |      |  |
| Xylenes, Total              | 3.1                       | 0.10            | 3.000     | 0           | 102            | 80        | 120                |              |          |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.50                      |                 | 0.5000    |             | 99.8           | 70        | 130                |              |          |      |  |
| Surr: 4-Bromofluorobenzene  | 0.50                      |                 | 0.5000    |             | 100            | 70        | 130                |              |          |      |  |
| Surr: Dibromofluoromethane  | 0.51                      |                 | 0.5000    |             | 103            | 70        | 130                |              |          |      |  |
| Surr: Toluene-d8            | 0.48                      |                 | 0.5000    |             | 95.6           | 70        | 130                |              |          |      |  |
| Sample ID: mb-54045         | Samp                      | Гуре: <b>МЕ</b> | BLK       | Tes         | tCode: EF      | PA Method | 8260B: Volat       | iles Short   | List     |      |  |
| Client ID: PBS              | Batc                      | h ID: 54        | 045       | F           | unNo: 7        | 0747      |                    |              |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 31/2020   | S           | eqNo: 24       | 462218    | Units: <b>mg/K</b> | g            |          |      |  |
| Analyte                     | Result                    | PQL             | SPK value | SPK Ref Val | %REC           | LowLimit  | HighLimit          | %RPD         | RPDLimit | Qual |  |
| Benzene                     | ND                        | 0.025           |           |             |                |           |                    |              |          |      |  |
| Toluene                     | ND                        | 0.050           |           |             |                |           |                    |              |          |      |  |
| Ethylbenzene                | ND                        | 0.050           |           |             |                |           |                    |              |          |      |  |
| Xylenes, Total              | ND                        | 0.10            |           |             |                |           |                    |              |          |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.50                      |                 | 0.5000    |             | 99.4           | 70        | 130                |              |          |      |  |
| Surr: 4-Bromofluorobenzene  | 0.51                      |                 | 0.5000    |             | 103            | 70        | 130                |              |          |      |  |
| Surr: Dibromofluoromethane  | 0.53                      |                 | 0.5000    |             | 106            | 70        | 130                |              |          |      |  |
| Surr: Toluene-d8            | 0.51                      |                 | 0.5000    |             | 102            | 70        | 130                |              |          |      |  |

#### **Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

| •                           | z Environm<br>Cotton Drav |                 |           |             |                             |   |                    |             |          |      |  |
|-----------------------------|---------------------------|-----------------|-----------|-------------|-----------------------------|---|--------------------|-------------|----------|------|--|
| Sample ID: Ics-54045        | Samp                      | Type: LC        | S4        | Test        | tCode: El                   | PA Method                                 | 8260B: Volat       | tiles Short | List     |      |  |
| Client ID: BatchQC          | Batc                      | h ID: 540       | 045       | R           | RunNo: 70747                |   |                    |             |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 30/2020   | S           | SeqNo: 2462219 Units: mg/Kg |   |                    |             |          |      |  |
| Analyte                     | Result                    | PQL             | SPK value | SPK Ref Val | %REC                        | LowLimit                                  | HighLimit          | %RPD        | RPDLimit | Qual |  |
| Benzene                     | 0.97                      | 0.025           | 1.000     | 0           | 97.4                        | 80  | 120                |             |          |      |  |
| Toluene                     | 0.99                      | 0.050           | 1.000     | 0           | 98.9                        | 80  | 120                |             |          |      |  |
| Ethylbenzene                | 1.0                       | 0.050           | 1.000     | 0           | 101                         | 80  | 120                |             |          |      |  |
| Xylenes, Total              | 3.2                       | 0.10            | 3.000     | 0           | 107                         | 80  | 120                |             |          |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.53                      |                 | 0.5000    |             | 105                         | 70  | 130                |             |          |      |  |
| Surr: 4-Bromofluorobenzene  | 0.51                      |                 | 0.5000    |             | 103                         | 70  | 130                |             |          |      |  |
| Surr: Dibromofluoromethane  | 0.54                      |                 | 0.5000    |             | 108                         | 70  | 130                |             |          |      |  |
| Surr: Toluene-d8            | 0.49                      |                 | 0.5000    |             | 98.4                        | 70  | 130                |             |          |      |  |
| Sample ID: 2007e37-022ams   | Samp                      | Туре: <b>МS</b> | 64        | Test        | tCode: El                   | PA Method                                 | 8260B: Volat       | tiles Short | List     |      |  |
| Client ID: AH-24 Surface    | Batc                      | h ID: 54        | 045       | R           | RunNo: 7                    | 0747                                      |                    |             |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 31/2020   | S           | SeqNo: 24                   | 462221                                    | Units: mg/K        | ٢g          |          |      |  |
| Analyte                     | Result                    | PQL             |           | SPK Ref Val | %REC                        | LowLimit                                  | HighLimit          | %RPD        | RPDLimit | Qual |  |
| Benzene                     | 0.99                      | 0.025           | 0.9872    | 0           | 101                         | 71.1                                      | 115                |             |          |      |  |
| Toluene                     | 1.0                       | 0.049           | 0.9872    | 0           | 103                         | 79.6                                      | 132                |             |          |      |  |
| Ethylbenzene                | 1.1                       | 0.049           | 0.9872    | 0           | 106                         | 83.8                                      | 134                |             |          |      |  |
| Xylenes, Total              | 3.3                       | 0.099           | 2.962     | 0           | 111                         | 82.4                                      | 132                |             |          |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.48                      |                 | 0.4936    |             | 96.8                        | 70  | 130                |             |          |      |  |
| Surr: 4-Bromofluorobenzene  | 0.48                      |                 | 0.4936    |             | 97.0                        | 70  | 130                |             |          |      |  |
| Surr: Dibromofluoromethane  | 0.53                      |                 | 0.4936    |             | 108                         | 70  | 130                |             |          |      |  |
| Surr: Toluene-d8            | 0.49                      |                 | 0.4936    |             | 98.8                        | 70  | 130                |             |          |      |  |
| Sample ID: 2007e37-022ams   | d Samp <sup>-</sup>       | Type: MS        | SD4       | Tes         | tCode: El                   | e: EPA Method 8260B: Volatiles Short List |                    |             |          |      |  |
| Client ID: AH-24 Surface    | Batc                      | h ID: 54        | 045       | R           | RunNo: 7                    | 0747                                      |                    |             |          |      |  |
| Prep Date: 7/29/2020        | Analysis [                | Date: 7/        | 31/2020   | S           | SeqNo: 24                   | 462222                                    | Units: <b>mg/K</b> | ٢g          |          |      |  |
| Analyte                     | Result                    | PQL             |           | SPK Ref Val | %REC                        | LowLimit                                  | HighLimit          | %RPD        | RPDLimit | Qual |  |
| Benzene                     | 0.95                      | 0.024           | 0.9497    | 0           | 99.6                        | 71.1                                      | 115                | 4.82        | 20       |      |  |
| Toluene                     | 1.0                       | 0.047           | 0.9497    | 0           | 109                         | 79.6                                      | 132                | 1.94        | 20       |      |  |
| Ethylbenzene                | 1.1                       | 0.047           | 0.9497    | 0           | 111                         | 83.8                                      | 134                | 0.766       | 20       |      |  |
| Xylenes, Total              | 3.4                       | 0.095           | 2.849     | 0           | 118                         | 82.4                                      | 132                | 2.81        | 20       |      |  |
| Surr: 1,2-Dichloroethane-d4 | 0.48                      |                 | 0.4748    |             | 101                         | 70  | 130                | 0           | 0        |      |  |
| Surr: 4-Bromofluorobenzene  | 0.48                      |                 | 0.4748    |             | 101                         | 70  | 130                | 0           | 0        |      |  |
|                             |                           |                 | 0.4748    |             | 105                         | 70  | 130                | 0           | 0        |      |  |
| Surr: Dibromofluoromethane  | 0.50                      |                 | 0.4740    |             | 105                         | 10  | 100                | 0           | 0        |      |  |

#### **Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

| WO#: 2007E37 |
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|              |

05-Aug-20

| Client:                 | Safety & Environr | nental S | Solutions             |             |                 |           |               |           |          |      |  |
|-------------------------|-------------------|----------|-----------------------|-------------|-----------------|-----------|---------------|-----------|----------|------|--|
| Project:                | Devon Cotton Dra  | w 181 S  | SWD                   |             |                 |           |               |           |          |      |  |
| Sample ID: mb-540       | 70 Samp           | Туре: И  | IBLK                  | Tes         | tCode: El       | PA Method | 8260B: Volati | les Short | List     |      |  |
| Client ID: PBS          | Bat               | ch ID: 5 | 4070                  | F           | RunNo: 7        | 0769      |               |           |          |      |  |
| Prep Date: 7/30/20      | 020 Analysis      | Date: 7  | 7/31/2020             | S           | SeqNo: 2        | 462806    | Units: %Rec   |           |          |      |  |
| Analyte                 | Result            | PQL      | SPK value             | SPK Ref Val | %REC            | LowLimit  | HighLimit     | %RPD      | RPDLimit | Qual |  |
| Surr: 1,2-Dichloroethan | e-d4 0.50         |          | 0.5000                |             | 99.5            | 70        | 130           |           |          |      |  |
| Surr: 4-Bromofluorober  | nzene 0.49        |          | 0.5000                |             | 97.8            | 70        | 130           |           |          |      |  |
| Surr: Dibromofluorome   | thane 0.54        |          | 0.5000                |             | 107             | 70        | 130           |           |          |      |  |
| Surr: Toluene-d8        | 0.52              |          | 0.5000                |             | 104             | 70        | 130           |           |          |      |  |
| Sample ID: Ics-540      | 70 Samp           | Type: L  | .CS4                  | Tes         | tCode: El       | PA Method | 8260B: Volati | les Short | List     |      |  |
| Client ID: BatchQ       | <b>C</b> Bat      | ch ID: 5 | D: 54070 RunNo: 70769 |             |                 |           |               |           |          |      |  |
| Prep Date: 7/30/20      | 020 Analysis      | Date: 7  | 7/31/2020             | S           | SeqNo: 2        | 462807    | Units: %Rec   |           |          |      |  |
| Analyte                 | Result            | PQL      | SPK value             | SPK Ref Val | %REC            | LowLimit  | HighLimit     | %RPD      | RPDLimit | Qual |  |
| Surr: 1,2-Dichloroethan | e-d4 0.49         |          | 0.5000                |             | 97.0            | 70        | 130           |           |          |      |  |
| Surr: 4-Bromofluorober  | nzene 0.48        |          | 0.5000                |             | 95.1            | 70        | 130           |           |          |      |  |
| Surr: Dibromofluoromet  | thane 0.52        |          | 0.5000                |             | 104             | 70        | 130           |           |          |      |  |
| Surr: Toluene-d8        | 0.49              |          | 0.5000                |             | 97.3            | 70        | 130           |           |          |      |  |
| Sample ID: mb1          | Samp              | Туре: 🛚  | IBLK                  | Tes         | tCode: El       | PA Method | 8260B: Volati | les Short | List     |      |  |
| Client ID: PBS          | Bat               | ch ID: S | 70775                 | F           | RunNo: <b>7</b> | 0775      |               |           |          |      |  |
| Prep Date:              | Analysis          | Date: 8  | 8/1/2020              | S           | SeqNo: 2        | 463032    | Units: %Rec   |           |          |      |  |
| Analyte                 | Result            | PQL      | SPK value             | SPK Ref Val | %REC            | LowLimit  | HighLimit     | %RPD      | RPDLimit | Qual |  |
| Surr: 1,2-Dichloroethan | e-d4 0.52         |          | 0.5000                |             | 104             | 70        | 130           |           |          |      |  |
| Surr: 4-Bromofluorober  | izene 0.51        |          | 0.5000                |             | 102             | 70        | 130           |           |          |      |  |
| Surr: Dibromofluorome   | thane 0.55        |          | 0.5000                |             | 110             | 70        | 130           |           |          |      |  |
| Surr: Toluene-d8        | 0.50              |          | 0.5000                |             | 100             | 70        | 130           |           |          |      |  |
| Sample ID: 100ng l      | cs Samp           | Type: L  | CS4                   | Tes         | tCode: El       | PA Method | 8260B: Volati | les Short | List     |      |  |
| Client ID: BatchQ       | <b>C</b> Bat      | ch ID: S | 70775                 | F           | RunNo: 7        | 0775      |               |           |          |      |  |
| Prep Date:              | Analysis          | Date: 8  | 8/1/2020              | S           | SeqNo: 2        | 463033    | Units: %Rec   |           |          |      |  |
| Analyte                 | Result            | PQL      | SPK value             | SPK Ref Val | %REC            | LowLimit  | HighLimit     | %RPD      | RPDLimit | Qual |  |
| Surr: 1,2-Dichloroethan | e-d4 0.51         |          | 0.5000                |             | 102             | 70        | 130           |           |          |      |  |
|                         |                   |          |                       |             |                 |           |               |           |          |      |  |

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

102

107

101

70

70

70

130

130

130

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

0.5000

0.5000

0.5000

0.51

0.53

0.51

| WO#: | 2007E37 |
|------|---------|
|      |         |

05-Aug-20

## **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

|                               | & Environmental Solutions<br>Cotton Draw 181 SWD   |           |
|-------------------------------|--|-----------|
| Sample ID: mb-54042           | SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range                                |           |
| Client ID: PBS                | Batch ID: 54042 RunNo: 70747   |           |
| Prep Date: 7/29/2020          | Analysis Date: 7/30/2020 SeqNo: 2462229 Units: mg/Kg   |           |
| Analyte                       | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLi                          | imit Qual |
| Gasoline Range Organics (GRO) | ND 5.0   |           |
| Surr: BFB                     | 480 500.0 96.1 70 130  |           |
| Sample ID: Ics-54042          | SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range                                 |           |
| Client ID: LCSS               | Batch ID: 54042 RunNo: 70747   |           |
| Prep Date: 7/29/2020          | Analysis Date: 7/30/2020 SeqNo: 2462230 Units: mg/Kg   |           |
| Analyte                       | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLi                          | imit Qual |
| Gasoline Range Organics (GRO) | 24 5.0 25.00 0 96.3 70 130   |           |
| Surr: BFB                     | 510 500.0 102 70 130   |           |
| Sample ID: mb-54045           | SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range                                |           |
| Client ID: PBS                | Batch ID: 54045 RunNo: 70747   |           |
| Prep Date: 7/29/2020          | Analysis Date: 7/31/2020 SeqNo: 2462278 Units: mg/Kg   |           |
| Analyte                       | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLi                          | imit Qual |
| Gasoline Range Organics (GRO) | ND 5.0   |           |
| Surr: BFB                     | 510 500.0 101 70 130   |           |
| Sample ID: Ics-54045          | SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range                                 |           |
| Client ID: LCSS               | Batch ID: 54045 RunNo: 70747   |           |
| Prep Date: 7/29/2020          | Analysis Date: 7/31/2020 SeqNo: 2462279 Units: mg/Kg   |           |
| Analyte                       | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLi                          | imit Qual |
| Gasoline Range Organics (GRO) | 24 5.0 25.00 0 97.0 70 130   | I         |
| Surr: BFB                     | 520 500.0 105 70 130   |           |
| Sample ID: 2007e37-023ams     | SampType: MS TestCode: EPA Method 8015D Mod: Gasoline Range                                  |           |
| Client ID: AH-24 1ft          | Batch ID: <b>54045</b> RunNo: <b>70747</b>   |           |
| Prep Date: 7/29/2020          | Analysis Date: 7/31/2020 SeqNo: 2462282 Units: mg/Kg   |           |
| Analyte                       | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLi                          | imit Qual |
| Gasoline Range Organics (GRO) | 22 4.8 24.25 0 92.0 49.2 122   |           |
| Surr: BFB                     | 490 485.0 101 70 130   |           |
| Sample ID: 2007e37-023amsc    | d SampType: MSD TestCode: EPA Method 8015D Mod: Gasoline Range                               |           |
| Client ID: AH-24 1ft          | Batch ID: 54045 RunNo: 70747   |           |
| Prep Date: 7/29/2020          | Analysis Date:         7/31/2020         SeqNo:         2462283         Units:         mg/Kg |           |

Analyte

Value exceeds Maximum Contaminant Level. \*

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

в Analyte detected in the associated Method Blank

Е Value above quantitation range

SPK value SPK Ref Val %REC LowLimit

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit RPDLimit

Qual

%RPD

HighLimit

2007E37

05-Aug-20

WO#:

Result

PQL

**Client:** 

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

| Project:      | 5                | otton Draw  |                 | WD        |             |           |           |              |          |          |      |
|---------------|------------------|-------------|-----------------|-----------|-------------|-----------|-----------|--------------|----------|----------|------|
| Sample ID:    | 2007e37-023amsd  | SampTy      | pe: <b>M</b> \$ | SD        | Tes         | tCode: EF | PA Method | 8015D Mod: ( | Gasoline | Range    |      |
| Client ID:    | AH-24 1ft        | Batch       | ID: <b>54</b>   | 045       | F           | lunNo: 7  |           |              |          |          |      |
| Prep Date:    | 7/29/2020        | Analysis Da | ite: 7/         | 31/2020   | S           | eqNo: 24  | 462283    | Units: mg/K  | g        |          |      |
| Analyte       |                  | Result      | PQL             | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD     | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 23          | 5.0             | 24.90     | 0           | 92.7      | 49.2      | 122          | 3.39     | 20       |      |
| Surr: BFB     |                  | 500         |                 | 498.0     |             | 101       | 70        | 130          | 0        | 0        |      |
| Sample ID:    | mb-54070         | SampTy      | pe: <b>M</b>    | BLK       | Tes         | tCode: EF | PA Method | 8015D Mod: ( | Gasoline | Range    |      |
| Client ID:    | PBS              | Batch       | ID: 54          | 070       | F           | lunNo: 7  | 0769      |              |          |          |      |
| Prep Date:    | 7/30/2020        | Analysis Da | ite: 7/         | 31/2020   | S           | eqNo: 24  | 462847    | Units: %Rec  | ;        |          |      |
| Analyte       |                  | Result      | PQL             | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD     | RPDLimit | Qual |
| Surr: BFB     |                  | 520         |                 | 500.0     |             | 103       | 70        | 130          |          |          |      |
| Sample ID:    | lcs-54070        | SampTy      | pe: <b>LC</b>   | s         | Tes         | tCode: EF | PA Method | 8015D Mod: ( | Gasoline | Range    |      |
| Client ID:    | LCSS             | Batch       | ID: <b>54</b>   | 070       | F           | lunNo: 7  | 0769      |              |          |          |      |
| Prep Date:    | 7/30/2020        | Analysis Da | ite: 7/         | 31/2020   | S           | SeqNo: 24 | 462848    | Units: %Rec  | :        |          |      |
| Analyte       |                  | Result      | PQL             | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD     | RPDLimit | Qual |
| Surr: BFB     |                  | 520         |                 | 500.0     |             | 103       | 70        | 130          |          |          |      |
| Sample ID:    | mb1              | SampTy      | pe: <b>M</b>    | BLK       | Tes         | tCode: EF | PA Method | 8015D Mod: ( | Gasoline | Range    |      |
| Client ID:    | PBS              | Batch       | ID: <b>G7</b>   | 0775      | F           | lunNo: 7  | 0775      |              |          |          |      |
| Prep Date:    |                  | Analysis Da | ite: 8/         | 1/2020    | S           | eqNo: 24  | 463070    | Units: %Rec  | ;        |          |      |
| Analyte       |                  | Result      | PQL             | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD     | RPDLimit | Qual |
| Surr: BFB     |                  | 510         |                 | 500.0     |             | 103       | 70        | 130          |          |          |      |
| Sample ID:    | 2.5ug gro lcs    | SampTy      | pe: LC          | s         | Tes         | tCode: EF | PA Method | 8015D Mod: ( | Gasoline | Range    |      |
| Client ID:    | LCSS             | Batch       | ID: <b>G7</b>   | 0775      | F           | lunNo: 7  | 0775      |              |          |          |      |
| Prep Date:    |                  | Analysis Da | ite: 8/         | 1/2020    | S           | eqNo: 24  | 463071    | Units: %Rec  | ;        |          |      |
| Analyte       |                  | Result      | PQL             | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD     | RPDLimit | Qual |
| Surr: BFB     |                  | 500         |                 | 500.0     |             | 99.7      | 70        | 130          |          |          |      |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

WO#: 2007E37 05-Aug-20

|   | RONMENTAL<br>Ysis<br>Ratory                             | TEL: 505-345-     | ental Analysis Labot<br>4901 Hawki<br>Albuquerque, NM 8<br>3975 FAX: 505-345<br>its.hallenvironmenta | ns NE<br>87109 <b>San</b><br>-4107                          | Sample Log-In Check List   |                   |  |  |  |  |
|---|---|-------------------|--|---|----------------------------|-------------------|--|--|--|--|
| Client Name:                                | Safety & Environmental<br>Solutions                     | Work Order Nun    | nber: 2007E37  |   | RcptNo                     | 1                 |  |  |  |  |
| Received By:                                | Cheyenne Cason  | 7/29/2020 9:30:00 | AM   |   |                            |                   |  |  |  |  |
| Completed By:                               | Juan Rojas  | 7/29/2020 9;55:50 | AM   | Homay   | <b></b>                    |                   |  |  |  |  |
| Reviewed By:                                | R   | 7/29/23           |  |   |                            |                   |  |  |  |  |
| <u>Chain of Cus</u>                         | itody   |                   |  |   |                            |                   |  |  |  |  |
| 1. Is Chain of C                            | ustody complete?  |                   | Yes 🗹  | No 🗌  | Not Present                |                   |  |  |  |  |
| 2. How was the                              | sample delivered?                                       |                   | Courier  |   |                            |                   |  |  |  |  |
| <u>Log In</u>                               |   |                   |  |   |                            |                   |  |  |  |  |
| 3. Was an attern                            | npt made to cool the samples?                           |                   | Yes 🖌  | No 🗌  | NA 🗌                       |                   |  |  |  |  |
| 4. Were all samp                            | ples received at a temperature                          | of >0° C to 6.0°C | Yes 🔽  | No 🗌  |                            |                   |  |  |  |  |
| 5. Sample(s) in p                           | proper container(s)?                                    |                   | Yes 🗹  | No 🗌  |                            |                   |  |  |  |  |
| 6. Sufficient sam                           | ple volume for indicated test(s                         | )?                | Yes 🔽  | No 🗌  |                            |                   |  |  |  |  |
| 7, Are samples (                            | except VOA and ONG) proper                              | y preserved?      | Yes 🖌  | No 🗌  |                            |                   |  |  |  |  |
| 8. Was preservat                            | tive added to bottles?                                  |                   | Yes 🗌  | No 🔽  | NA 🗌                       |                   |  |  |  |  |
| 9. Received at le                           | ast 1 vial with headspace <1/4                          | " for AQ VOA?     | Yes 🗌  | No 🗌  | NA 🔽                       |                   |  |  |  |  |
| 10. Were any sam                            | nple containers received broke                          | n?                | Yes 🗌  | No 🗹 🛛  | # of preserved             |                   |  |  |  |  |
|   | rk match bottle labels?<br>Incies on chain of custody)  |                   | Yes 🗹  | No 🗔  | bottles checked<br>for pH: | >12 unless noted) |  |  |  |  |
|   | orrectly identified on Chain of                         | Custody?          | Yes 🗹  | No 🗔  | Adjusted?                  |                   |  |  |  |  |
| 13. Is it clear what                        | analyses were requested?                                |                   | Yes 🗹  | No 🗌  |                            |                   |  |  |  |  |
|   | ng times able to be met?<br>Istomer for authorization.) |                   | Yes 🗹  | No 🗌  | Checked by: S              | 19 7.29,20        |  |  |  |  |
|   | ing (if applicable)                                     |                   |  |   |                            |                   |  |  |  |  |
|   | tified of all discrepancies with                        | his order?        | Yes  | No 🗌  |                            |                   |  |  |  |  |
| Person I<br>By Who<br>Regardir<br>Client In |   | Date<br>Via:      | P  | hone 🗌 Fax  | In Person                  |                   |  |  |  |  |
| 16. Additional rem                          |   |                   |  | Тол - Раза ТППНК-ана от |                            |                   |  |  |  |  |
| 17. <u>Cooler Inform</u><br>Cooler No       | nation  | al Intact Seal No | Seal Date  | Signed By   |                            |                   |  |  |  |  |

| Cooler No | Temp | °C Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|------|--------------|-------------|---------|-----------|-----------|
| 1         | 3.9  | Good         |             |         |           | <u></u>   |
| 2         | 2.3  | Good         |             |         |           |           |
| 3         | 4.9  | Good         |             |         |           |           |

Page 1 of 1

| <b>Received by OCD: 3/9/2023</b> 7:0   | 06:42 AM   |                |          |      |         |                   |              |                     |               | Pa                    | ge 96 of      | 105   |
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| R K  |  |                |          |      |         |                   |              |                     | _             | ļ                     |               |   |
| <b>ERONMENTAL</b><br>LABORATOR<br>ental.com<br>que, NM 87109<br>55-345-4107<br>equest  |  |                | <u> </u> |      |         |                   |              | + +                 |               | ł                     |               | port.   |
|  |  |                |          |      |         |                   |              | <u> </u>            |               |                       |               | tical re  |
| <b>DR</b><br>8710  | 10,000,000   |                |          | _    |         |                   |              |                     | $\rightarrow$ |                       |               | analy   |
| BC<br>BC<br>NM<br>NM<br>St-41  | Total Coliform (Present/Absent)  | 거              |          | _    | ┝╍╍╞╴   | -+                |              |                     | 14            |                       |               | on the  |
| <b>/IRONN</b><br><b>5 LABOI</b><br>mental.com<br>erque, NM 87<br>505-345-4107<br>Request   | (AOV-ime2) 0728<br>(10004011000151) (1000161)  |                |          | -    |         |                   |              |                     |               |                       |               | otated  |
| LS V<br>anme<br>quer<br>s R  | (AOV) 0828   |                | ·        | _    |         |                   |              | +                   |               |                       |               | early n   |
| <b>ENVIRONME</b><br>LYSIS LABOR/<br>allenvironmental.com<br>- Albuquerque, NM 87109<br>Eax 505-345-4107<br>Analysis Request                            | Cl' E' B <sup>L</sup> ' NO <sup>3</sup> ' NO <sup>3</sup> ' DO <sup>4</sup> ' 20 <sup>4</sup>  |                |          | _    |         |                   |              |                     |               | - 2 ~                 | L.L           | ll be c   |
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| HALL ENVIRONMENT<br>ANALYSIS LABORAT<br>www.hallenvironmental.com<br>kins NE - Albuquerque, NM 87109<br>345-3975 Fax 505-345-4107<br>Analysis Request  | PAHs by 8310 or 8270SIMS   |                |          |      |         |                   |              |                     |               | 00                    | 25430         | acted   |
| HALL<br>ANAL<br>www.ha<br>4901 Hawkins NE<br>Tel. 505-345-3975   | EDB (Method 504.1)   |                |          |      |         |                   |              |                     |               |                       | . 41          | o-contr   |
|  | 8081 Pesticides/8082 PCB's   |                |          |      |         |                   |              |                     |               | 6.0                   | 12            | Vmy sut   |
| 190 Te   | (ОЯМ \ DRO \ DRO \ MRO)  | A              |          |      |         |                   |              | $\uparrow \uparrow$ | -7            | Remarks: 3.91<br>2.34 | 0             | oility. A   |
|  | BTEX / MTBE / TMB's (8021)   | $\mathbf{k}$   |          |      | ━━┓     |                   |              | ┝╼╍┼╸               | <u>ک</u> ر    | Kem                   |               | possit  |
| Δ  | S  |                |          |      |         |                   |              |                     |               | ک<br>ک                | 30            | of this   |
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| Turn-Around Time:<br>Turn-Around Time:<br>Project Name:<br>Project #:<br>Project #:  | Project Manager:   | 11             |          |      |         |                   |              |                     |               |                       | Via:<br>Uurvr | accred  |
| Around Ti<br>Standard<br>Standard<br>Dev   | d # Man  |                |          |      |         |                   |              |                     | P             |                       | $\sim$        | other   |
| Turn-Around T<br>Deviect Name:<br>Project Name:<br>Project #:  | Project Manag<br>Sampler: S<br>On Ice<br>Cooler: Templor<br>Container  | $\neg$         | 、        |      |         |                   |              |                     | -             | Received b            | Received by   | cted to   |
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|  | □ Level 4 (Full Validation)<br>npliance<br>Sample Name   | <u>N</u>       |          | 3 3  | 3       | 83                | HON A        |                     | 2-2           | ł.                    |               | al may  |
| ustody Recol<br>Sulthmuteuk<br>1 88140   |  | Ť,             | 1.2-     |      | 3-      | $\frac{1}{5}$     | All S        | J.                  | 3 3           | ⊢ 子                   | -             | nment   |
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| De tro   | nple evel  | ÷              |          |      |         | 16                | 200-         | 01-14<br>VH-10      |               | بلي                   | $\mathcal{Q}$ | to Hall   |
|  | □ Level<br>□ Az Compliance<br>□ Other<br>Matrix Sample   | Į.             | HH<br>HH |      | AH<br>H | A A               | 性が           | 2                   | ₽₽            | to Sn                 | ished by:     | nitted 1  |
| 2 Z V Z Z  | Az Col<br>Other  |                |          |      |         |                   |              |                     |               |                       | -7 11-4       | s subr  |
| OLO IL   | Matrix   | $\nabla$       |          |      |         | $\sqrt{\sqrt{2}}$ | v v v )      | ∧ 3 V               | $\nabla v$    | Relinquished by:      | Keling        | sample  |
| 2125 100   |  | 文              | <u></u>  | 35   | 15      | নদ্র              | 05           | 0                   | 00            | 8                     | 6             | ssary,  |
| Chain-of-Custody Record<br>5 Staty & Exit Muller<br>Selvertons<br>19 Adress: 703 & U.N. Tow<br>1 Br NNU 8 8240<br>1 Br NNU 8 8240<br>e #: 575.597.0510 | nail or Fax#:<br>VOC Package<br>Standard<br>creditation:<br>Creditation:<br>EDD (Type<br>EDD (Type   | <u>U</u>       | 20       | 15   | 20      | 0455              | <u></u>      | 040)                | ocli          | Time:<br>08           | Time:         | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |
| Client: Chain-<br>Client: Chain-<br>Mailing Address:<br>Mailing Address:<br>Phone #: 57  | email or Fax#:<br>QA/QC Package:<br>Catandard<br>Accreditation:<br>Date Time<br>Date Time  | 123            |          | 123  | 24      |                   | ~            |                     | 24            | 100                   | <b>1</b> . ii | [   |
| [∄ 🎾 🛎   ē   |  | 6              |          | 160  |         |                   | $\mathbf{r}$ |                     |               | Date                  | T 29-0        | ]   |

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| <b>ERONMENTAL</b><br>LABORATOR<br>ental.com<br>que, NM 87109<br>55-345-4107<br>equest   |  |                |                     |                            |                |                           |           |              |             |                     | }                      |                 |  |
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| HALL ENVIRONMENTA<br>ANALYSIS LABORATOR<br>www.hallenvironmental.com<br>kins NE - Albuquerque, NM 87109<br>345-3975 Fax. 505-345-4107<br>Analysis Request | (AOV-ime2) 0728  |                |                     |                            |                |                           |           |              |             |                     |                        |                 | - tota   |
| HALL ENVJ<br>ANALYSIS<br>www.hallenvironme<br>kins NE - Albuquer<br>345-3975 Fax 50<br>Analysis R   | (AOV) 0928   |                |                     |                            |                |                           |           |              |             |                     |                        |                 | olo artic  |
| <b>ENV</b><br><b>ENV</b><br>allenviron<br>- Albuqu<br>Eax.  | CI' E' B <sup>L</sup> ' NO <sup>3</sup> ' NO <sup>5</sup> ' EO <sup>4</sup> ' 80 <sup>4</sup>  |                |                     |                            |                |                           |           |              |             |                     | 2 2                    | <i>م</i>        |  |
| ALL<br>Malw.hal<br>NE - 975   | eltals Metals  |                |                     |                            |                |                           |           |              |             |                     |                        | ()<br>2         | <del>{</del>   |
| HA<br>WW<br>kins I<br>45-3  | PAHs by 8310 or 8270SIMS   |                |                     |                            |                |                           |           |              |             |                     | 00                     | 0               | - tracto   |
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| HALL<br>ANAL<br>www.ha<br>4901 Hawkins NE<br>Tel. 505-345-3975  | 8081 Pesticides/8082 PCB's   |                |                     |                            |                |                           |           |              |             | $\overline{\nabla}$ | S 6                    | .2-             | Anu  |
|   | ВТЕХ / МТВЕ / ТМВ's (8021)<br>ТРН:8015D(GRO / DRO / МRO)   | $\mathfrak{r}$ |                     |                            |                |                           |           |              |             | Ŋ                   | Remarks: 2, 9<br>2, 3; |                 | - Hilitian   |
|   |  | $\sim$         | Ħ                   |                            |                |                           | $\square$ |              |             | Д                   |                        | <u> </u>        | hie not  |
|   | <u>                                      </u>  |                |                     |                            |                |                           |           |              | ·           | 1                   | ime<br>ØØØ             | Time<br>09.30   | tice of t  |
| 18/ Surs  | D<br>ATUN<br>Banuk<br>D 0 07 63  | m              | 5                   |                            | , <del>†</del> | ہ مل                      | 507       | -021         | - 073       | -024                | Line of                |                 | 00 00  |
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| « 5dey<br>5dey<br>evon<br>1720-033  | BSB<br><u> </u>  |                |                     |                            |                |                           |           |              |             |                     | Ň                      |                 | atorioe  |
| = 5d<br>Prush<br>ZO-0   | Serva Serva  | 2              |                     |                            |                |                           |           |              |             |                     |                        | 3               | otel b   |
|   | Project Manager:<br>A H Lew, 35<br>Sampler: So N -<br>On Ice: So Yes<br>main of Coolers: 3<br>Cooler Tempinetured on: 5<br>Container Preservative<br>Type and # Type | Y              |                     |                            |                |                           |           |              |             |                     | Via:                   | Via:<br>Dwrad   | rindite  |
| Turn-Around T<br>Extandard<br>Project Name:<br>Project #:   | Project Manager:   |                |                     |                            |                |                           |           |              |             | Ν                   | $\Sigma$               | C A             | ther ar  |
| Turn-Around<br>Astandard<br>Project Name<br>Project #:  | Project Mana<br>AHL<br>Sampler:<br>On Ice:<br>Coolers:<br>Cooler Temp<br>Container<br>Type and #   |                |                     |                            |                | <u> </u>                  |           | /            | /           |                     | Received by            | inted<br>Int    |  |
|   | Project  <br>Rample:<br>On Ice:<br>Cooler 7<br>Contain<br>Type an  |                |                     |                            |                |                           |           |              |             |                     | Rece                   | Received<br>CM  | Ontrac   |
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|   | □ Level 4 (Full Validation)<br>pliance   | 3              | 4                   | <u> </u>                   | Ē              | Ref 21                    | 친국        | - ~ <b>~</b> | >           | Ĵ                   |                        |                 | - Nem  |
| y Record<br>hhen hu<br>S240<br>570  | me la ca   | 1 A            | K.                  |                            | L I            | 1                         |           | R.           | 5           | ¥                   | 7                      | ۹\ I            | atrenta  |
| R S S S S S S S S S S S S S S S S S S S   | □ Level 4 (Full V<br>mpliance<br>Sample Name   | Š              |                     | ۲Ľ.                        |                | $\sim$                    | 6         |              | 1           | 3                   | , Ę                    |                 | Foviror  |
| Stody<br>Salut  | avel and a large   | H              | 12                  | <u>[]</u>                  | F.             | 2                         |           | エレ           | 1424        | 5                   | - F                    | $\square$       |  |
| 3-C & B   | San L  | <u>A</u>       | R                   | 1<br>1<br>1<br>1<br>1<br>1 | AH-            | NH NH                     |           | AH           | <u>A</u> H  | AH                  |                        |                 | nitted t   |
| 37 S 37 8   |  |                |                     |                            |                |                           | 600       |              |             |                     | Relingenshed by:       | uishe           |  |
| Chain-of-Custody Record<br>Soluty + GUUNONNW<br>Solutrows<br>g Address: 703 C. C/WTON<br>Shbs N. N. 88240<br>ett. 575-3970570                             | Matrix Matrix  | V              | $\langle v \rangle$ | ηv.                        | Μſ             | $\langle \rangle \rangle$ | יאַע      | VVV          | γY          | V)                  |                        | Relinquished by | amnie  |
| A Pression  | ,  | \$             | 200                 | 325                        | 0              | 22                        | 22        | 0990         | 1<br>2<br>2 | 5                   |                        | 8               | Ne So  |
| # Profession  | voc Package<br>Standard<br>creditation:<br>NELAC<br>EDD (Type<br>te Time   | 14             | 20                  | <u>2</u> [2                | 2              | <u>S</u>                  | <u>17</u> | 29           | 0950        | (10)                | Time:<br>DSCO          |                 | If necessary samples submitted to Hall Environmental may be submontracted to other accredited laboratorias. This serves as notice of this necessary samples under data will be clearly networked data will be clearly networked on the analytical model. |
| Chain-<br>Client: Chain-<br>Mailing Address:<br>Keyhbs  |  | 75             | $\checkmark$        | +                          | $\lfloor $     |                           | 24        | 17           |             | 12                  | ľs<br>18               | ate:<br>12872   |  |
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|   | HALL ENVIRONMENTAL<br>ANALYSIS LABORATORY<br>www.hallenvironmental.com |   |  |                            |                |                         | -                |                          | -                      |                |        |      |              |          |          |       |          |                  |                |              |             | al report.  |
| - | ENVIRONMENT<br>YSIS LABORATO<br>environmental.com                      | Albuquerque, NM 87109<br>Fax 505-345-4107<br>alvsis Request               |  | Joh                        | 2-19           | 12.                     | ×                |                          |                        |                |        |      |              |          |          |       | _        |                  |                |              |             | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |
|   |  | e, NN<br>345-4  | (tneedAV   | nəsərd)                    | <b>n</b> iform | Lotal Cc                | -                | •                        |                        |                |        |      |              |          |          |       |          | _                |                |              |             | d on th   |
|   | S L<br>ment  | erqui<br>505-<br>Rear   |  | (AO                        | V-imə          | S) 0728                 | 3                |                          |                        | <u> </u>       |        |      |              |          |          |       |          |                  |                |              |             | / notate  |
|   | IALL ENVIRON<br>NALYSIS LABC   | - Albuquerque, NM 87 <sup>.</sup><br>Bax 505-345-4107<br>Analvsis Request |  |                            |                | V) 0928                 |                  |                          |                        |                |        |      |              |          |          |       |          |                  | 5.             | 200<br>4.9.7 | J           | clearly   |
|   |  |   | *OS '*Od   |                            |                |                         | _                |                          |                        |                |        |      |              |          | _        |       |          |                  |                | 4 J          |             | will be   |
|   | HALL<br>ANAL   |   |  |                            |                | 8 AADF                  |                  |                          |                        |                |        |      | Ļ_           |          |          |       |          |                  | · · ·          |              |             | ed data   |
|   | HA ≷   | vkins<br>345-   | SMIS   | 0 or 8270                  |                | M) 803<br>M sHA9        |                  |                          |                        |                |        |      | -            |          |          |       |          |                  | - H -          | 040          | ۱<br>د      | ontracte  |
|   |  | 4901 Hawkins NE<br>Tel. 505-345-3975                                      | 5.80d  | (1 102                     |                |                         |                  |                          |                        |                |        |      | _            |          |          |       |          |                  |                | 2<br>2<br>2  | ,<br>,      | sub-cc  |
|   |  | 4901<br>Tel.  |  |                            |                |                         | 1                |                          |                        |                |        |      |              |          |          |       |          |                  | . s<br>L¥s:    |              | '           | by. Any   |
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|   |  |   |  | 「「「「「「」」」」                 | ୍<br>ତ୍        |                         |                  |                          |                        |                |        |      |              |          |          |       |          |                  |                | Т            | 0           | f this p  |
|   | Saud   |   | •  |                            |                | HEAL No.<br>7007F37     |                  | د ا                      | t                      |                |        | 0    | 1            | 2        | 3        |       |          |                  | 5 500<br>5 500 | Lime         | <u>6930</u> | notice c  |
|   |  |   |  |                            | 2              |                         | 025              | 105                      | -017                   | \$ <i>la</i> - | -029   | -030 | - 03)        | -032     | -033     |       | )        | ľ                | . 3            | l⊨<br>I      | Ś           | (es as  |
|   | 8 per  | 22  | <u>}</u>   | 122                        | REMER          | の王<br>の王<br>の           | Ĩ                |                          | ì                      | ,              | l      |      | 1            | ſ        | Ĺ        |       |          | ł                | Late           | Date         | 160         | his ser   |
|   |  | 0   | ] -ac  | 39                         | <u>e</u>       |                         |                  |                          |                        |                |        |      |              |          |          |       |          |                  | 7              | j t          | 1/2         | ies. Ti   |
|   | E:<br>BUSH   | 20-073  |  | ĿÌU                        | 30             | Preservative<br>Type    | 2                |                          |                        |                |        |      |              |          |          |       |          |                  |                |              |             | borator   |
|   |  | 2   |  | J Sal                      | Uding C        | Preser<br>Type          | 2                |                          |                        |                |        |      |              |          |          |       |          |                  |                | ∕ía:         | ewa         | dited la  |
|   |  |   |  |                            | D(indi         | <u> </u>                |                  |                          |                        |                |        |      |              |          |          | _     |          |                  |                | [            | Ś           | accre   |
|   | Turn-Around Time:  |   | Project Manage   | er:                        | # or courers.  | Container<br>Type and # |                  |                          |                        |                |        |      |              |          |          |       |          | 20               |                | ä<br>P       | Ň           | to other  |
|   |  | Project #   | rojec  | Sampler:<br>On Ice:        |                | Container<br>Type and   | ACT <sup>7</sup> |                          |                        |                |        |      | (            |          | _        |       |          | Perceived A.     |                | Received by  | 2           | racted .  |
|   |  |   |  |                            | <u>‡ © </u>    | <u> </u>                | NDATTHENST       |                          | <u> </u>               | <u> </u>       | Ŧ      |      | )            | <u>ل</u> |          |       | -        |                  |                |              | $\Box$      | ubcont  |
|   | ਦ ਸ਼ਿ  | 5   | Level 4 (Full Validation)                                  |                            |                |                         | 100              | 4                        | 3                      | र्             | P Mag  | よ    | 5            | 24       |          |       |          |                  |                |              |             | ay be s   |
|   | -Custody Record  | 2   | Valic  |                            |                | Ð                       | Г. I             | NA.                      | 3                      | 3              | 2      | \$   | - }          | w        | 1        | '<br> |          |                  | >              |              | i           | ental m   |
|   | Re Re  | 121C  | Eull Full  |                            |                | Sample Name             | , F              | V                        | $\mathcal{V}$          | $\sim$         | T      | 3    | $\sim$       | $\sim$   | M        |       |          | ľ                | £              |              |             | vironme   |
|   | 3371   |   | 1 <del>1</del>   | e                          |                | ole N                   | $\mathcal{X}$    | 50                       | 2                      | 20             | 50     | 2    | 3            | 32       | R        |       |          | c                | <u> </u>       | 1            |             | lall En   |
|   | Sto Sto  | ZIK   |  | plian                      |                | amj                     | -H0              | AH-21                    | 44-2                   | <u>4H-28</u>   | ÅĦ.    | AH.  | AH-          | A4-3     | HH<br>HH |       |          |                  | یک خ           | Ϋ́.          |             | ted to F  |
|   | n l  | 25  |  | Com                        | -              |                         | <u> </u>         | <u>×</u>                 |                        | ~              | -      | æ    | V            | ~        | <u> </u> |       | <u> </u> |                  | ため             | shed by:     |             | submitt   |
|   |  | ゴイイ   |  | □ Az Compliance<br>□ Other |                | Matrix                  | N                | V                        | M                      | $\mathbb{N}$   | $\sim$ | M    | M            | $\sim$   | $\sim$   |       |          | Relincuisched hv | V              | Relindu      | Ś           | amples  |
|   |  | AL AL   | age:   |                            |                |                         | 2                | $\overline{\mathcal{N}}$ | হ                      | সু             | হ      | 2    | 2            | 6        | হ        |       |          |                  |                |              |             | sary, si  |
|   | Chain-of-Custody Record  |   | Packi<br>Dacki   | Creditation:<br>NELAC      | <u> </u>       | Time                    | 1050             | 3                        |                        | 2              | 17     | 125  | 1320         | 132      | 14       |       |          | ine.             | 23 0 X20       | , Time:      | 200         | lf neces  |
|   | Client: Chain-   | Phone #:  | email or Fa <del>x#:</del><br>QA/QC Package:<br>□PStandard | Accreditation:             |                | Date                    | LT.              |                          |                        | $\checkmark$   |        | -    | $\checkmark$ |          | 12)      |       |          | je<br>I          | 200            | 10 -         | 6           |   |
|   | O    ≥<br>Released to Imaging  | · -   |  |                            | J              | ñ                       | 21               |                          |                        |                |        |      |              |          | 2        |       |          |                  | 10             |              | 2           |   |

Released to Imaging: 7/18/2023 8:43:25 AM

Oil Conservation Division

| Incident ID    | NAB1530234949 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

Page 99 of 105

# Closure

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following it   | items must be included in the closure report.  |
|--|--|
| A scaled site and sampling diagram as described in 19.15.29.   | 11 NMAC  |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)  | of the liner integrity if applicable (Note: appropriate OCD District office  |
| Laboratory analyses of final sampling (Note: appropriate OD  | C District office must be notified 2 days prior to final sampling)   |
| Description of remediation activities  |  |
|  |  |
| and regulations all operators are required to report and/or file certaid<br>may endanger public health or the environment. The acceptance of<br>should their operations have failed to adequately investigate and rem<br>human health or the environment. In addition, OCD acceptance of<br>compliance with any other federal, state, or local laws and/or regular<br>restore, reclaim, and re-vegetate the impacted surface area to the co-<br>accordance with 19.15.29.13 NMAC including notification to the Co-<br>Printed Name: Dale Woodall | ations. The responsible party acknowledges they must substantially<br>inditions that existed prior to the release or their final land use in                                       |
| Signature: Dale Woodall  | _ Date: <u>11/17/2022</u>  |
| email: <u>dale.woodall@dvn.com</u>   | Telephone:575-748-1838   |
|  |  |
| OCD Only   |  |
| Received by:   | Date:  |
|  | Date:  |
|  | of liability should their operations have failed to adequately investigate and<br>water, human health, or the environment nor does not relieve the responsible<br>for regulations. |
| Closure Approved by:   | Date:  |
| Printed Name:  | Title:   |
| —  |  |

Oil Conservation Division

| Incident ID    | NAB1626756642 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

Page 100 of 105

# Closure

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following in  | items must be included in the closure report.  |
|---|--|
| A scaled site and sampling diagram as described in 19.15.29.  | 11 NMAC  |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)   | of the liner integrity if applicable (Note: appropriate OCD District office  |
| Laboratory analyses of final sampling (Note: appropriate OD   | C District office must be notified 2 days prior to final sampling)   |
| Description of remediation activities   |  |
|   |  |
| and regulations all operators are required to report and/or file certai<br>may endanger public health or the environment. The acceptance of<br>should their operations have failed to adequately investigate and re-<br>human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially<br>anditions that existed prior to the release or their final land use in<br>DCD when reclamation and re-vegetation are complete. |
| Signature:  | _ Date:575_748_1828  |
| email: <u>dale.woodall@dvn.com</u>  | Telephone:575-748-1838   |
|   |  |
| OCD Only  |  |
| Received by:  | Date:  |
|   | of liability should their operations have failed to adequately investigate and<br>water, human health, or the environment nor does not relieve the responsible<br>for regulations.                   |
| Closure Approved by:  | Date:  |
| Printed Name:   | Title:   |
|   |  |

Oil Conservation Division

| Incident ID    | NOY1701331626 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

Page 101 of 105

# Closure

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following it  | items must be included in the closure report.  |
|---|--|
| A scaled site and sampling diagram as described in 19.15.29.  | 11 NMAC  |
| Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)   | of the liner integrity if applicable (Note: appropriate OCD District office  |
| Laboratory analyses of final sampling (Note: appropriate OD   | C District office must be notified 2 days prior to final sampling)   |
| Description of remediation activities   |  |
|   |  |
| and regulations all operators are required to report and/or file certain<br>may endanger public health or the environment. The acceptance of<br>should their operations have failed to adequately investigate and rep<br>human health or the environment. In addition, OCD acceptance of<br>compliance with any other federal, state, or local laws and/or regula<br>restore, reclaim, and re-vegetate the impacted surface area to the co-<br>accordance with 19.15.29.13 NMAC including notification to the C<br>Printed Name: Dale Woodall | ations. The responsible party acknowledges they must substantially<br>anditions that existed prior to the release or their final land use in<br>DCD when reclamation and re-vegetation are complete. |
| Signature: Dale Woodall   | _ Date: <u>11/17/2022</u>  |
| email: <u>dale.woodall@dvn.com</u>  | Telephone:575-748-1838   |
| OCD Only  |  |
|   |  |
| Received by:  | Date:  |
|   | of liability should their operations have failed to adequately investigate and<br>water, human health, or the environment nor does not relieve the responsible<br>for regulations.                   |
| Closure Approved by:  | Date:  |
| Printed Name:   |  |
|   |  |

Oil Conservation Division

|                | Page 102 of 105 |
|----------------|-----------------|
| Incident ID    | NAB1726355760   |
| District RP    |                 |
| Facility ID    |                 |
| Application ID |                 |

# Closure

| <b>Closure Report Attachment Checklist:</b> Each of the following   | items must be included in the closure report.  |  |
|---|--|--|
| A scaled site and sampling diagram as described in 19.15.29.11 NMAC   |  |  |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)   |  |  |
| Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)   |  |  |
| Description of remediation activities   |  |  |
|   |  |  |
| and regulations all operators are required to report and/or file certain<br>may endanger public health or the environment. The acceptance of<br>should their operations have failed to adequately investigate and re<br>human health or the environment. In addition, OCD acceptance of   | ations. The responsible party acknowledges they must substantially<br>onditions that existed prior to the release or their final land use in |  |
| Signature: Dale Woodall   |  |  |
|   | _ Date: <u>11/17/2022</u><br>Telephone: <u>575-748-1838</u>  |  |
| email: <u>dale.woodall@dvn.com</u>  | Telephone  |  |
|   |  |  |
| OCD Only  |  |  |
| Received by:  | Date:  |  |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. |  |  |
| Closure Approved by:  | Date:  |  |
| Printed Name:   | Title:   |  |
|   |  |  |

Oil Conservation Division

|                | Page 103 of 105 |
|----------------|-----------------|
| Incident ID    | NRM2003439614   |
| District RP    |                 |
| Facility ID    |                 |
| Application ID |                 |

# Closure

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following   | items must be included in the closure report.  |  |
|---|--|--|
| A scaled site and sampling diagram as described in 19.15.29.11 NMAC   |  |  |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)   |  |  |
| Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)   |  |  |
| Description of remediation activities   |  |  |
|   |  |  |
| and regulations all operators are required to report and/or file certain<br>may endanger public health or the environment. The acceptance of<br>should their operations have failed to adequately investigate and re<br>human health or the environment. In addition, OCD acceptance of<br>compliance with any other federal, state, or local laws and/or regular<br>restore, reclaim, and re-vegetate the impacted surface area to the co-<br>accordance with 19.15.29.13 NMAC including notification to the O<br>Printed Name: Dale Woodall | ations. The responsible party acknowledges they must substantially<br>onditions that existed prior to the release or their final land use in |  |
| Signature: Dale Woodall   | Date: <u>11/17/2022</u>  |  |
| email: <u>dale.woodall@dvn.com</u>  | Telephone:575-748-1838   |  |
|   |  |  |
| OCD Only  |  |  |
| Received by:  | Date:  |  |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.   |  |  |
| Closure Approved by:  | Date:  |  |
| Printed Name:   | Title:   |  |
|   |  |  |

Oil Conservation Division

|                | <b>Page 104 of 105</b> |
|----------------|------------------------|
| Incident ID    | NRM2008733329          |
| District RP    |                        |
| Facility ID    |                        |
| Application ID |                        |

# Closure

| <b><u>Closure Report Attachment Checklist</u></b> : Each of the following i  | tems must be included in the closure report.   |  |
|--|--|--|
| A scaled site and sampling diagram as described in 19.15.29.11 NMAC  |  |  |
| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)  |  |  |
| Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)  |  |  |
| Description of remediation activities  |  |  |
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| Printed Name: Dale Woodall   | Title: Env. Professional   |  |
| Signature: Dale Woodall  | _ Date: <u>11/17/2022</u>  |  |
| email: <u>dale.woodall@dvn.com</u>   | Telephone:575-748-1838   |  |
|  |  |  |
| OCD Only   |  |  |
| Received by:   | Date:  |  |
| Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.  |  |  |
| Closure Approved by:   | Date:  |  |
| Printed Name:  |  |  |
|  |  |  |

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

### **State of New Mexico** Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

| Operator:                           | OGRID:                                    |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137                                      |
| 333 West Sheridan Ave.              | Action Number:                            |
| Oklahoma City, OK 73102             | 195214                                    |
|                                     | Action Type:                              |
|                                     | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

Created By Condition

We have received your closure report and final C-141 for Incident #NAB1631951165 COTTON DRAW UNIT SWD #181, thank you. This closure is approved. 7/18/2023 rhamlet

CONDITIONS

Action 195214

Condition Date