Received by OCD: 11/17/2022 9:40:29 AM Form C-141 State of New Mexico

Page 6

Oil Conservation Division

| | Page 1 of 10 | 4 |
|----------------|---------------|---|
| Incident ID | NRM2003439614 | |
| 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.

| <u>Closure Report Attachment Checklist</u>: Each of the following | g items must be included in the closure report. | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| A scaled site and sampling diagram as described in 19.15.29 | 9.11 NMAC | | | | | | | | |
| Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection) | os of the liner integrity if applicable (Note: appropriate OCD District office | | | | | | | | |
| Laboratory analyses of final sampling (Note: appropriate Ol | DC 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 cert may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and r human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regu | Title: Env. Professional | | | | | | | | |
| email: <u>dale.woodall@dvn.com</u> | Telephone: 575-748-1838 | | | | | | | | |
| | | | | | | | | | |
| OCD Only Received by: OCD | 11/17/2022 | | | | | | | | |
| Received by: OCD | Date:11/17/2022 | | | | | | | | |
| 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: 2/08/2023 | | | | | | | | |
| Printed Name: Ashley Maxwell | Title: Environmental Specialist | | | | | | | | |

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 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 | | | | | | | | | | |
|--|----------------|-----------------|----------------------|---|---|---|--|--|--|--|
| | | | | | | | | | | |
| SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylenes | | | | | | | | | | |
| ND | ND | ND | ND | ND | ND | ND | ND | | | |
| 130 | ND | ND | ND | ND | ND | ND ND | | | | |
| | Chloride ND | ChlorideGRONDND | ChlorideGRODRONDNDND | CDU 181 Soil Sample Results: Hall Environ Chloride GRO DRO MRO ND ND ND ND | CDU 181 SWD Soil Sample Results: Hall Environmental Labo Chloride GRO DRO MRO Benzene ND ND ND ND ND | CDU 181 SWD Soil Sample Results: Hall Environmental Laboratories 9/ Chloride GRO DRO MRO Benzene Toluene ND ND ND ND ND ND | CDU 181 SWD Soil Sample Results: Hall Environmental Laboratories 9/15/20 Chloride GRO DRO MRO Benzene Toluene Ethyl benzene 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 CDU 181 SWD 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 | ND | ND | ND | ND | ND | ND | ND | ND | |

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.

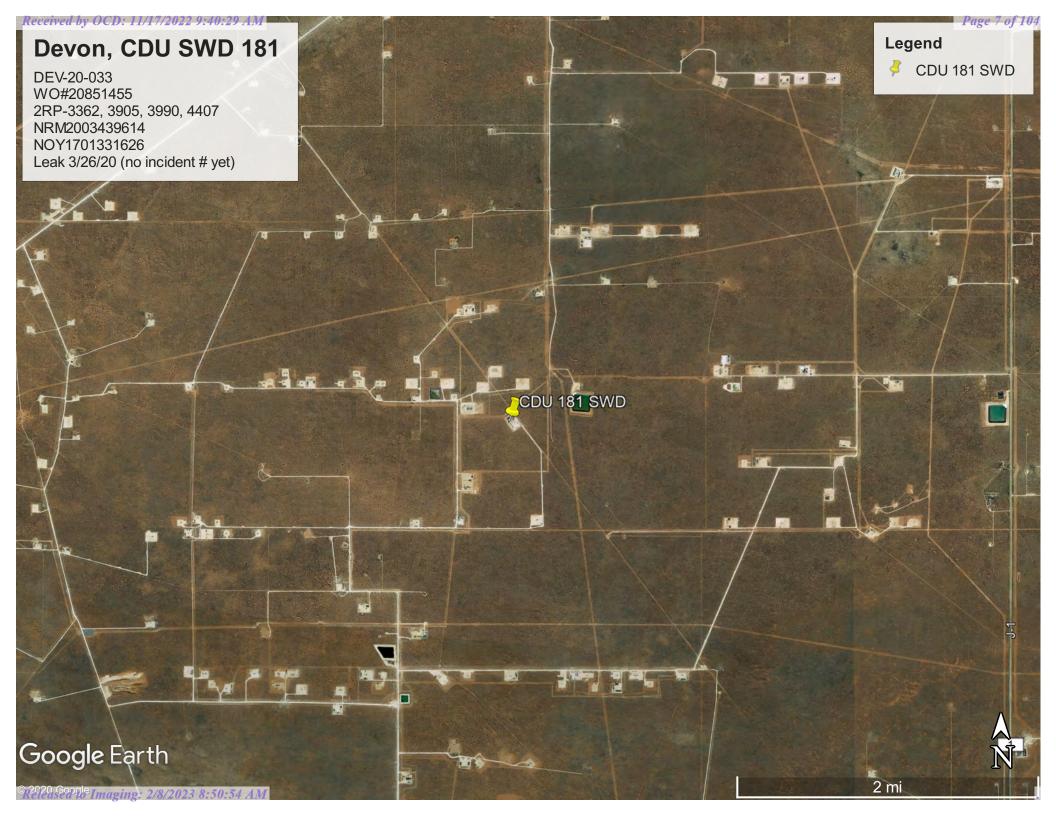
Closure Request

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,





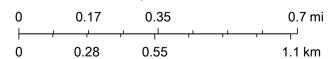
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SiteBoundaries



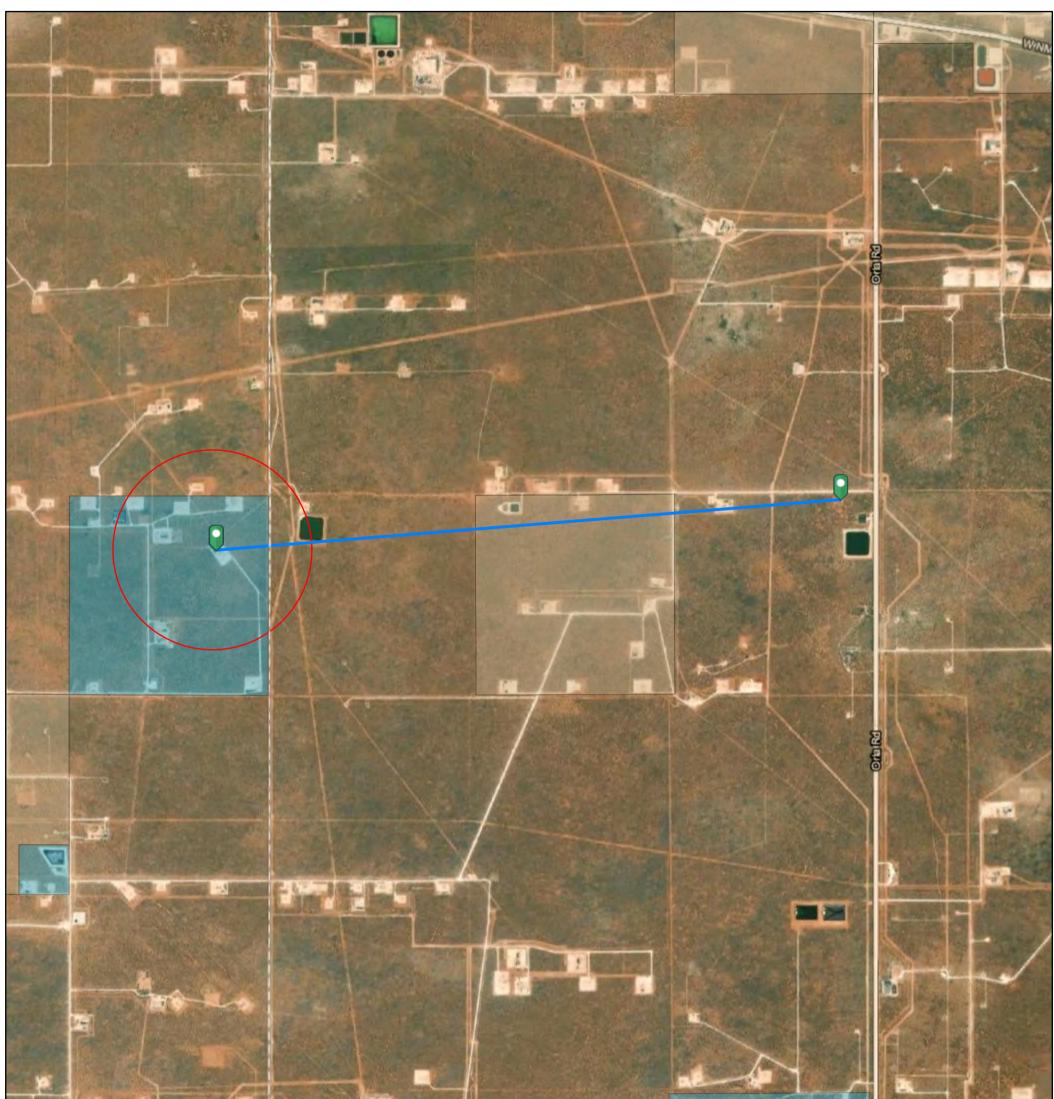


Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

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

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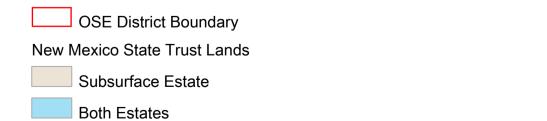
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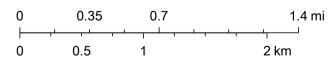


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SiteBoundaries





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

PAGE 1 OF 2

NE

WELL TAG ID NO.

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WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

CSE 017 JUN 21 2021 PM10:14

| ATION | WELL OWNE | PDT ER NAME(S) | > | WELL TAG ID NO. 20E37 | | OSE FILE NO(3 C-4536 PHONE (OPTIO | \checkmark | | | | | |
|-------------------------------------|---|--|-----------------------------|---------------------------------------|----------------------------|--|--|--------------------------------------|--------------------------|--|--|--|
| WELL LOC | WELL OWNE | ER MAILING | ADDRESS BLDG 1, STE 220 | | | спу MIDLAND | | state TX | ZIP 79705 | | | |
| 1. GENERAL AND WELL LOCATION | WELL LOCATIO (FROM GP DESCRIPTIC | S) LON | ITUDE IGITUDE | · · · · · · · · · · · · · · · · · · · | 0.8 N 5.9 W | * DATUM REG | REQUIRED: ONE TEN QUIRED: WGS 84 WNSHIP, RANGE) WH | | | | | |
| | LICENSE NO WD1 | | NAME OF LICENSED | | NAME OF WELL DR Elite I | ILLING COMPANY Drillers Corporation | | | | | | |
| | DRILLING ST 06/09 | | DRILLING ENDED 06/10/21 | DEPTH OF COMPLETED WELL (FT) 500 | | LE DEPTH (FT) 500 | TH (FT) DEPTH WATER FIRST ENCOUNTERED (FT) 314 | | | | | |
| N | COMPLETED | O WELL IS: | ARTESIAN | DRY HOLE 🔀 SHALLOW (UNC | ONFINED) | STATIC WATER LEVEL IN COMPLETED WELL (FT) 314 | | | | | | |
| VIIC | DRILLING FI | LUID: | AIR | MUD ADDITIVES - SPE | ECIFY: | | | | | | | |
| RM | DRILLING M | ETHOD: | ROTARY | HAMMER CABLE TOOL | 🗌 отне | R - SPECIFY: | | | 848 · · · | | | |
| CASING INFORMATION | DEPTH FROM | DEPTH (feet bgl) BORE HOLE FROM TO DIAM (inches) | | (include each casing string, and CON | | ASING NECTION YPE ling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) | | | |
| S. C. | 0 | 20 | 12 3/4 | STEEL | | N/A | 8.28 | .337 | | | | |
| | 0 | 300 | 7 7/8 | SDR17 PVC | SI | PLINE | 4.3 | SDR17 | | | | |
| 2. DRILLING | 300 | 500 | 7 7/8 | SDR17 PVC | | PLINE | 4.3 | SDR17 | .032 | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| . ر | DEPTH | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MA | | | AMOUNT | · METHO PLACEN | | | | |
| RUA | FROM | TO | | GRAVEL PACK SIZE-RANG | | KVAL | (cubic feet) | | | | | |
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| ANNULAR MATERIAL | 300 | 500 | 7 7/8 | 8/16 SILICA SA | ND | | 46 | TOP F | | | | |
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32.33.122

4

LOCATION

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|------------------------------|------------------------|-------------|----------------|---------------------------------------|---------------------------------------|------------|--|-------|--------------------|--|---|
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| | 12 | 180 | 168 | | | CLAY | | | | √ N | |
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| FOF | OSE INTERI | NAL USE | | <u></u> | <u> </u> | <u></u> | WR-20 WF | LLREG | CORD & | LOG | sion 06/30/2017) |
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| 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: 2/8/2023 8:50:54 AM



Southeast corner facing West inside



Southeast corner facing North inside



East side facing West inside



Southeast corner facing West outside Released to Imaging: 2/8/2023 8:50:54 AM



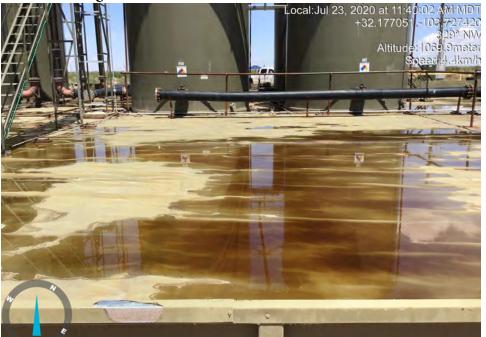
East side facing West inside



East side facing West inside



East side facing West inside



East side facing West inside Released to Imaging: 2/8/2023 8:50:54 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

Released to Imaging: 2/8/2023 8:50:54 AM



Northeast corner facing South outside



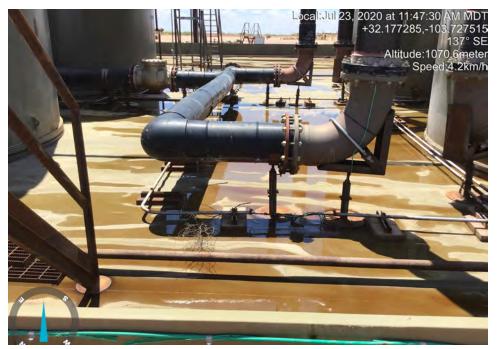
Northwest corner facing South inside



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: 2/8/2023 8:50:54 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: 2/8/2023 8:50:54 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: 2/8/2023 8:50:54 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

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

OrderNo.: 2101967

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

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-1 1ft Bottom Collection Date: 1/25/2021 10:15:00 AM Received Date: 1/27/2021 7:35:00 AM

| Lab ID: 2101967-001 | 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 | | | | | Analy | st: VP | | |
| Chloride | 120 | 60 | mg/Kg | 20 | 1/29/2021 7:12:25 PM | 57808 | | |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analy | st: mb | | |
| Diesel Range Organics (DRO) | ND | 9.3 | mg/Kg | 1 | 1/28/2021 10:46:12 A | M 57769 | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 1/28/2021 10:46:12 A | M 57769 | | |
| Surr: DNOP | 127 | 30.4-154 | %Rec | 1 | 1/28/2021 10:46:12 A | M 57769 | | |
| EPA METHOD 8015D: GASOLINE RAN | IGE | | | | Analy | st: RAA | | |
| Gasoline 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 METHOD 8021B: VOLATILES | | | | | Analy | st: RAA | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 1/29/2021 1:15:18 PM | 1 57765 | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 1/29/2021 1:15:18 PM | 57765 | | |
| Ethylbenzene | 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 PN | 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

Coftton Draw 181 SWD

Date Reported: 2/1/2021 Client Sample ID: SP-2 1ft Bottom Collection Date: 1/25/2021 10:30:00 AM Received Date: 1/27/2021 7:35:00 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 | | | | | Analys | t: VP | | |
| Chloride | ND | 60 | mg/Kg | 20 | 1/29/2021 8:14:27 PM | 57808 | | |
| EPA METHOD 8015M/D: DIESEL RANG | SE ORGANICS | | | | Analys | t: mb | | |
| Diesel Range Organics (DRO) | ND | 9.2 | mg/Kg | 1 | 1/28/2021 11:57:29 AM | / 57769 | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 1/28/2021 11:57:29 AM | / 57769 | | |
| Surr: DNOP | 142 | 30.4-154 | %Rec | 1 | 1/28/2021 11:57:29 AM | / 57769 | | |
| EPA METHOD 8015D: GASOLINE RAN | GE | | | | Analys | t: 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 | | | | | Analys | t: 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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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 | Received Date: 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 | GE ORGANICS | | | | 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 | IGE | | | | 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

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

| Project: | Coftton Draw 181 SWD | | (| Collection Dat | e: 1/2 | 25/2021 1:40:00 PM | | | |
|----------|---------------------------|--------------|--|----------------|---------------|-----------------------|-------|--|--|
| Lab ID: | 2101967-004 | Matrix: SOIL | Received Date: 1/27/2021 7:35:00 AM | | | | | | |
| Analyses | 3 | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst | : VP | | |
| Chloride | | ND | 59 | mg/Kg | 20 | 1/29/2021 9:04:04 PM | 57808 | | |
| EPA ME | THOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analyst | : mb | | |
| Diesel R | ange Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 1/28/2021 12:45:06 PM | 57769 | | |
| Motor O | il 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 ME | THOD 8015D: GASOLINE RAN | IGE | | | | Analyst | RAA | | |
| Gasoline | e 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 ME | THOD 8021B: VOLATILES | | | | | Analyst | RAA | | |
| Benzene | 9 | 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 | | |
| Ethylber | izene | 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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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-5 North Wall
Collection Date: 1/25/2021 1:15:00 PM

| Lab ID: 2101967-005 | 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 | | | | | Analys | t: VP | | | | |
| Chloride | ND | 60 | mg/Kg | 20 | 1/29/2021 9:16:29 PM | 57808 | | | | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | Analys | t: 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 RAN | GE | | | | Analys | t: 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 | | | | | Analys | t: 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 | | | | |

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

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 | | | | | | | |
|----------|-------------------------|--------------|--|---|-------|-------|----------------------|-------|--|--|
| Analyses | | Result | RL Qual Units | | DF | Batch | | | | |
| EPA ME | THOD 300.0: ANIONS | | | | | | Analyst | : VP | | |
| Chloride | | ND | 60 | | mg/Kg | 20 | 1/29/2021 9:28:54 PM | 57808 | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | | Analyst | : mb | | |
| Diesel R | ange Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 1/28/2021 1:32:50 PM | 57769 | | |
| Motor O | il 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 ME | THOD 8015D: GASOLINE R | ANGE | | | | | Analyst | RAA | | |
| Gasoline | e 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 ME | THOD 8021B: VOLATILES | | | | | | Analyst | : RAA | | |
| Benzene | 9 | 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 | | |
| Ethylber | izene | 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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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 Received Date: 1/27/2021 7:35:00 AM

| Lab ID: 2101967-007 | Matrix: SOIL | Matrix: SOIL Received Date: 1/27/2021 7:3 | | | | | | |
|---------------------------------|--------------|---|-------|------------------|----------------------|--------|--|--|
| Analyses | Result | RL Qual Units | | DF Date Analyzed | | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analys | t: VP | | |
| Chloride | ND | 60 | mg/Kg | 20 | 1/29/2021 9:41:19 PM | 57808 | | |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS | | | | Analys | t: 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 | IGE | | | | Analys | t: 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 | | | | | Analys | t: 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.

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

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 | 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 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 RANG | 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.

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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| Client: Project: | • | & Environme Draw 181 S | | olutions | | | | | | | |
|---------------------|--------|---------------------------|------------|-----------|-------------|-----------|-----------|--------------------|------|----------|------|
| Sample ID: MB- | 57808 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 300.0: Anion | s | | |
| Client ID: PBS | | Batch | D: 57 | 808 | F | RunNo: 74 | 4942 | | | | |
| Prep Date: 1/2 | 9/2021 | Analysis D | ate: 1/ | 29/2021 | S | SeqNo: 2 | 645957 | Units: mg/K | g | | |
| Analyte Chloride | | Result ND | PQL 1.5 | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: LCS | -57808 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 300.0: Anion | s | | |
| Client ID: LCS | S | Batch | D: 57 | 808 | F | RunNo: 74 | 4942 | | | | |
| Prep Date: 1/2 | 9/2021 | Analysis D | ate: 1/ | 29/2021 | 5 | SeqNo: 2 | 645958 | Units: mg/K | g | | |
| 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 | | | |

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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2101967

01-Feb-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

60

6.1

9.0

44.76

4.476

| Client: | Safety & | Environme | ental Sc | olutions | | | | | | | |
|----------------|-------------------|------------|------------------|-----------|---------------------|-----------|-----------|--------------|------------|------------|------|
| Project: | Coftton D | 9raw 181 S | WD | | | | | | | | |
| Sample ID: | MB-57769 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | PBS | Batch | n ID: 57 | 769 | RunNo: 74917 | | | | | | |
| Prep Date: | 1/27/2021 | Analysis D | ate: 1/ | 28/2021 | S | eqNo: 2 | 644531 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %RFC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| | Organics (DRO) | ND | 10 | 0 | 0 | /0.120 | | ·g | /0111 2 | | |
| • | ge Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | | 13 | 00 | 10.00 | | 132 | 30.4 | 154 | | | |
| Sample ID: | LCS-57769 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | LCSS | Batch | n ID: 57 | 769 | R | unNo: 7 | 4917 | | | | |
| Prep Date: | 1/27/2021 | Analysis D | ate: 1/ | 28/2021 | S | eqNo: 2 | 644533 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 67 | 10 | 50.00 | 0 | 133 | 68.9 | 141 | | | |
| Surr: DNOP | | 6.5 | | 5.000 | | 130 | 30.4 | 154 | | | |
| Sample ID: | 2101967-001AMS | SampT | ype: M | 6 | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | SP-1 1ft Bottom | Batch | n ID: 57 | 769 | R | unNo: 7 | 4917 | | | | |
| Prep Date: | 1/27/2021 | Analysis D | ate: 1/ | 28/2021 | S | eqNo: 2 | 644534 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range (| Organics (DRO) | 58 | 9.1 | 45.54 | 0 | 127 | 15 | 184 | | | |
| Surr: DNOP | | 5.8 | | 4.554 | | 128 | 30.4 | 154 | | | |
| Sample ID: | 2101967-001AMS |) SampT | ype: M \$ | SD | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | SP-1 1ft Bottom | Batch | n ID: 57 | 769 | R | lunNo: 7 | 4917 | | | | |
| Prep Date: | 1/27/2021 | Analysis D | ate: 1/ | 28/2021 | S | eqNo: 2 | 644535 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

0

135

136

15

30.4

184

154

4.58

0

23.9

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

Diesel Range Organics (DRO)

Surr: DNOP

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

2101967

01-Feb-21

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| • | Environmental Solutio Draw 181 SWD | ons | | | | |
|--|---------------------------------------|---------------------|-----------------------|----------------------|--------------|----|
| Sample ID: Ics-57765 | SampType: LCS | Те | stCode: EPA Method | 8015D: Gasoline Rang | е | |
| Client ID: LCSS | Batch ID: 57765 | | RunNo: 74945 | | | |
| Prep Date: 1/27/2021 | Analysis Date: 1/29/20 | 021 | SeqNo: 2645737 | Units: mg/Kg | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | ıl |
| Gasoline Range Organics (GRO) | 24 5.0 | 25.00 0 | 97.9 80 | 120 | | |
| Surr: BFB | 1100 | 1000 | 107 75.3 | 105 | S | |
| Sample ID: mb-57765 | SampType: MBLK | Те | stCode: EPA Method | 8015D: Gasoline Rang | e | |
| Client ID: PBS | Batch ID: 57765 | | RunNo: 74945 | | | |
| Prep Date: 1/27/2021 | Analysis Date: 1/29/20 | 021 | SeqNo: 2645738 | Units: mg/Kg | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | al |
| Gasoline Range Organics (GRO) Surr: BFB | ND 5.0 960 | 1000 | 95.8 75.3 | 105 | | |
| Sample ID: 2101967-002ams | SampType: MS | Те | stCode: EPA Method | 8015D: Gasoline Rang | e | |
| Client ID: SP-2 1ft Bottom | Batch ID: 57765 | | RunNo: 74945 | | | |
| Prep Date: 1/27/2021 | Analysis Date: 1/29/20 | 021 | SeqNo: 2646037 | Units: mg/Kg | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | ıl |
| Gasoline Range Organics (GRO) | 25 4.9 | 24.32 0 | 105 61.3 | 114 | | |
| Surr: BFB | 1100 | 972.8 | 111 75.3 | 105 | S | |
| Sample ID: 2101967-002amso | SampType: MSD | Те | stCode: EPA Method | 8015D: Gasoline Rang | e | |
| Client ID: SP-2 1ft Bottom | Batch ID: 57765 | | RunNo: 74945 | | | |
| Prep Date: 1/27/2021 | Analysis Date: 1/29/20 | 021 | SeqNo: 2646038 | Units: mg/Kg | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | ıl |
| Gasoline Range Organics (GRO) | 24 4.8 | 24.08 0 | 101 61.3 | 114 4.39 | 20 | |
| Surr: BFB | 1000 | 963.4 | 109 75.3 | 105 0 | 0 S | |
| Sample ID: Ics-57723 | SampType: LCS | Те | stCode: EPA Method | 8015D: Gasoline Rang | e | |
| Client ID: LCSS | Batch ID: 57723 | | RunNo: 74945 | | | |
| Prep Date: 1/25/2021 | Analysis Date: 1/30/20 | 021 | SeqNo: 2646074 | Units: %Rec | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | al |
| Surr: BFB | 1100 | 1000 | 107 75.3 | 105 | S | |
| Sample ID: mb-57723 | SampType: MBLK | Те | stCode: EPA Method | 8015D: Gasoline Rang | e | |
| Client ID: PBS | Batch ID: 57723 | | RunNo: 74945 | - | | |
| Prep Date: 1/25/2021 | Analysis Date: 1/30/20 | 021 | SeqNo: 2646078 | Units: %Rec | | |
| Analyte | Result PQL SPI | K value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qua | al |
| Surr: BFB | 950 | | 94.6 75.3 | 105 | | |

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 11 of 12

2101967

01-Feb-21

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | • | Environm Draw 181 S | | lutions | | | | | | | |
|--|--|--|---|---|---|---|---|--|---|----------------------|------|
| Sample ID: | LCS-57765 | SampT | Гуре: LC | S | Test | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: | LCSS | Batc | h ID: 57 | 765 | R | unNo: 74 | 4945 | | | | |
| Prep Date: | 1/27/2021 | Analysis E | 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-Bron | nofluorobenzene | 1.0 | | 1.000 | | 101 | 80 | 120 | | | |
| Sample ID: | mb-57765 | SampT | Гуре: МЕ | BLK | Test | Code: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: | PBS | Batc | h ID: 57 | 765 | R | unNo: 74 | 4945 | | | | |
| Prep Date: | 1/27/2021 | Analysis E | Date: 1/ | 29/2021 | S | eqNo: 20 | 645743 | Units: mg/K | íg | | |
| 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-Bron | nofluorobenzene | 0.99 | | 1.000 | | 99.2 | 80 | 120 | | | |
| | | | | | | | | | | | |
| Sample ID: | 2101967-001ams | SampT | Гуре: МS | 5 | Test | Code: EF | PA Method | 8021B: Volat | iles | | |
| • | 2101967-001ams SP-1 1ft Bottom | | Гуре: МS h ID: 57 7 | | | Code: Ef | | 8021B: Volat | iles | | |
| • | SP-1 1ft Bottom | | h ID: 57 | 765 | R | | 4945 | 8021B: Volat Units: mg/K | | | |
| Client ID: | SP-1 1ft Bottom | Batc | h ID: 57 | 765 29/2021 | R | unNo: 74 | 4945 | | | RPDLimit | Qual |
| Client ID: Prep Date: | SP-1 1ft Bottom | Batcl Analysis [| h ID: 57 Date: 1/ | 765 29/2021 | R | unNo: 74 eqNo: 26 | 4945 646088 | Units: mg/K | g | RPDLimit | Qual |
| Client ID: Prep Date: Analyte | SP-1 1ft Bottom | Batc Analysis I Result | h ID: 57 Date: 1/ PQL | 765 29/2021 SPK value | R S SPK Ref Val | unNo: 74 ieqNo: 20 %REC | 4945 646088 LowLimit | Units: mg/K HighLimit | g | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene | SP-1 1ft Bottom | Batch Analysis I Result 0.93 | h ID: 57 Date: 1/ PQL 0.024 | 765 29/2021 SPK value 0.9597 | R S SPK Ref Val 0 | 2unNo: 74 6eqNo: 20 %REC 96.4 | 4945 646088 LowLimit 76.3 | Units: mg/K HighLimit 120 | g | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene | SP-1 1ft Bottom 1/27/2021 | Batch Analysis D Result 0.93 0.95 | h ID: 577 Date: 1/2 PQL 0.024 0.048 | 765 29/2021 SPK value 0.9597 0.9597 | R S SPK Ref Val 0 0 | tunNo: 74 seqNo: 26 %REC 96.4 98.7 | 4945 646088 LowLimit 76.3 78.5 | Units: mg/K HighLimit 120 120 | g | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total | SP-1 1ft Bottom 1/27/2021 | Batc Analysis I Result 0.93 0.95 0.96 | h ID: 57 Date: 1 /2 <u>PQL</u> 0.024 0.048 0.048 | 765 29/2021 SPK value 0.9597 0.9597 0.9597 | R S SPK Ref Val 0 0 0 | unNo: 74 aeqNo: 20 <u>%REC</u> 96.4 98.7 99.8 | 4945 646088 LowLimit 76.3 78.5 78.1 | Units: mg/K HighLimit 120 120 124 | g | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron | SP-1 1ft Bottom 1/27/2021 | Batcl Analysis I Result 0.93 0.95 0.96 2.9 0.98 | h ID: 57 Date: 1 /2 <u>PQL</u> 0.024 0.048 0.048 | 765 29/2021 SPK value 0.9597 0.9597 0.9597 2.879 0.9597 | R S SPK Ref Val 0 0 0 0 | eunNo: 74 6eqNo: 20 96.4 98.7 99.8 99.4 102 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 | Units: mg/K HighLimit 120 120 124 125 | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: | SP-1 1ft Bottom 1/27/2021 | Batcl Analysis I 0.93 0.95 0.96 2.9 0.98 | h ID: 57 Date: 1 /2 0.024 0.048 0.048 0.096 | 765 29/2021 SPK value 0.9597 0.9597 0.9597 2.879 0.9597 | R SPK Ref Val 0 0 0 0 0 Test | eunNo: 74 6eqNo: 20 96.4 98.7 99.8 99.4 102 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method | Units: mg/K HighLimit 120 120 124 125 120 | g %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom | Batcl Analysis I 0.93 0.95 0.96 2.9 0.98 | h ID: 57 Date: 1 /2 0.024 0.048 0.048 0.096 Type: MS h ID: 57 | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 0.9597 | R SPK Ref Val 0 0 0 0 Test R | eunNo: 74 eqNo: 20 %REC 96.4 98.7 99.8 99.4 102 tCode: EF | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 | Units: mg/K HighLimit 120 120 124 125 120 | Sg %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom | Batcl Analysis I 0.93 0.95 0.96 2.9 0.98 I Samp ¹ Batcl | h ID: 57 Date: 1 /2 0.024 0.048 0.048 0.096 Type: MS h ID: 57 | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 30 50 765 29/2021 | R SPK Ref Val 0 0 0 0 Test R | eunNo: 74 eqNo: 20 %REC 96.4 98.7 99.8 99.4 102 Code: EF cunNo: 74 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 | Units: mg/K HighLimit 120 120 124 125 120 8021B: Volat | Sg %RPD | RPDLimit | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom | Batcl Analysis I Result 0.93 0.95 0.96 2.9 0.98 I Samp Batcl Analysis I | h ID: 57 Date: 1/ PQL 0.024 0.048 0.048 0.048 0.096 Type: MS h ID: 57 Date: 1/ | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 30 50 765 29/2021 | R SPK Ref Val 0 0 0 0 Test R S | eunNo: 74 eqNo: 20 %REC 96.4 98.7 99.8 99.4 102 code: EF cunNo: 74 eqNo: 20 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 546089 | Units: mg/K HighLimit 120 120 124 125 120 8021B: Volat Units: mg/K | g %RPD tiles | | |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom | Batcl Analysis I Result 0.93 0.95 0.96 2.9 0.98 I Samp Batcl Analysis I Result | h ID: 57 Date: 1 / PQL 0.024 0.048 0.048 0.096 Type: MS h ID: 57 Date: 1 / PQL | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 0.9597 5D 765 29/2021 SPK value | R SPK Ref Val 0 0 0 0 Test R SPK Ref Val | eunNo: 74 eqNo: 26 %REC 96.4 98.7 99.8 99.4 102 Code: EF cunNo: 74 eqNo: 26 %REC | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 546089 LowLimit | Units: mg/K HighLimit 120 120 124 125 120 8021B: Volat Units: mg/K HighLimit | Sg %RPD iiles Sg %RPD | RPDLimit | |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom | Batcl Analysis I Result 0.93 0.95 0.96 2.9 0.98 I Samp Batcl Analysis I Result 0.91 | h ID: 57 Date: 1/ PQL 0.024 0.048 0.048 0.096 Fype: MS h ID: 57 Date: 1/ PQL 0.024 | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 0.9597 50 765 29/2021 SPK value 0.9756 | R SPK Ref Val 0 0 0 0 Test R SPK Ref Val 0 | 2unNo: 74 3eqNo: 20 %REC 96.4 98.7 99.8 99.4 102 Code: EF 3unNo: 74 3eqNo: 20 %REC 93.0 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 546089 LowLimit 76.3 | Units: mg/K HighLimit 120 120 124 125 120 8021B: Volat Units: mg/K HighLimit 120 | 59 %RPD tiles 59 %RPD 1.99 | RPDLimit 20 | |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID: Client ID: Prep Date: Analyte Benzene Toluene | SP-1 1ft Bottom 1/27/2021 nofluorobenzene 2101967-001amsd SP-1 1ft Bottom 1/27/2021 | Batcl Analysis I 0.93 0.95 0.96 2.9 0.98 I SampT Batcl Analysis I Result 0.91 0.93 | h ID: 57 Date: 1/ PQL 0.024 0.048 0.048 0.048 0.096 Type: MS h ID: 57 Date: 1/ PQL 0.024 0.049 | 765 29/2021 SPK value 0.9597 0.9597 2.879 0.9597 30 765 29/2021 SPK value 0.9756 0.9756 | R SPK Ref Val 0 0 0 0 Test SPK Ref Val 0 0 | 2unNo: 74 3eqNo: 20 %REC 96.4 98.7 99.8 99.4 102 3cCode: Eff 3unNo: 74 3ceqNo: 20 %REC 93.0 95.0 | 4945 546088 LowLimit 76.3 78.5 78.1 79.3 80 PA Method 4945 546089 LowLimit 76.3 78.5 | Units: mg/K HighLimit 120 120 124 125 120 8021B: Volat Units: mg/K HighLimit 120 120 | 2 g %RPD iiles 2 g %RPD 1.99 2.20 | RPDLimit 20 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

2101967

01-Feb-21

| Page | 39 | 0 | f 1 | 04 |
|------|----|---|-----|----|
| | | | | |

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | TEL: 505-345 | eental Analysis Labord 4901 Hawkin Albuquerque, NM 8 -3975 FAX: 505-345- nts.hallenvironmental | 7109 Sar 4107 | Sample Log-In Check List | | | |
|---|---------------------------------|--|------------------|-----------------------------------|--|--|--|
| Client Name: Safety & Environmental S | Work Order Nur | mber: 2101967 | | RcptNo: 1 | | | |
| Received By: Isaiah Ortiz | 1/27/2021 7:35:00 | D AM | I-C | 24 | | | |
| Completed By: Isaiah Ortiz | 1/27/2021 8:41:10 | AM | InC | 22 | | | |
| Reviewed By: JR 127/21 | | | | | | | |
| Chain of Custody | | | | | | | |
| 1. Is Chain of Custody complete? | | Yes 🔽 | No 🗌 | Not Present | | | |
| 2. How was the sample delivered? | | Courier | | | | | |
| Log In | | | | | | | |
| 3. Was an attempt made to cool the samples? | | Yes 🗹 | No 🗌 | | | | |
| 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) proper | ly preserved? | Yes 🔽 | No 🗌 | | | | |
| 8. Was preservative added to bottles? | | Yes 🗌 | No 🗹 | NA 🗌 | | | |
| 9. Received at least 1 vial with headspace <1/4 | 4" for AQ VOA? | Yes | No 🗌 | NA 🗹 | | | |
| 10. Were any sample containers received broke | en? | Yes 🗌 | No 🔽 | # of preserved bottles checked | | | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🗹 | No 🗌 | for pH: (<2 or >12 unless note | | | |
| 12. Are matrices correctly identified on Chain of | Custody? | Yes 🔽 | No 🗌 | Adjusted? | | | |
| 13. Is it clear what analyses were requested? | | Yes 🗹 | No 🗌 | / | | | |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗌 | Checked by: SGC (27) | | | |
| Special Handling (if applicable) | | | | | | | |
| 15. Was client notified of all discrepancies with | this order? | Yes | No 🗌 | NA 🗹 | | | |
| Person Notified: | Dat | e: | | | | | |
| By Whom: | Via: | eMail 🔲 P | hone 🗌 Fax | In Person | | | |
| Regarding: | 1 | | | 0 | | | |
| Client Instructions: | | | | | | | |
| 16. Additional remarks: | | | | | | | |
| | eal Intact Seal No t Present | Seal Date | Signed By | | | | |

Page 1 of 1

| leceived by OCD: 11/17/2022 | :40:29 AM | Page 40 of 10 |
|--|---|---|
| HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request | | Date Time Remarks: 1 1 1 26/24 1 700 Date Time Date Time |
| ENVIRONME YSIS LABOR/ environmental.com Albuquerque, NM 87109 Fax 505-345-4107 alysis Request | 1 Merror X Chlander | |
| TIRO S LAE mental.co erque, NI 505-345- Request | Total Coliform (Present/Absent) | |
| VII S I nmer uerq s Rec | (AOV-im92) 0728 | <u></u> |
| IALL ENVIRON NALYSIS LABC www.hallenvironmental.com ns NE - Albuquerque, NM (5-3975 Fax 505-345-41 Analysis Request | Image: Sign (AOK) 8560 (VOK) Image: Sign (VOK) Sign (VOK) | |
| LE LV haller 5 Ane | RCRA 8 Metals | |
| AL NA www.l is NE 5-397 | SMIS0728 TO 01 E8 Vd 8HA9 | |
| HALL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975 | EDB (Method 504.1) | + |
| 1. 50 Hz | 8081 Pesticides/8082 PCB's | |
| 4901 Tel. | Х ТРН:8015D(GRO / DRO / МКО) | Remarks |
| | BTEX / MTBE / TMB's (8021) | Rem |
| 5 | 5 50 101 101 101 101 101 101 101 | Time 1 1700 Time 0135 |
| Rush Joy Vors 181 Sur 181 Su | | Date 1/26/21 Date |
| | Type | Via: Via: COLEVEL |
| Turn-Around Time: Turn-Around Time: Project Name: Project #: Project #: | Project Manager: Sampler: P On Ice: P Yes # of Coolers: I Cooler Temp(including cf): Type and # Type P | Received by: |
| ecord My 220 | D Level 4 (Full Validation) pliance Sample Name SP2 1 Fr 138 How SP2 1 Fr 138 Ho | 5 |
| Cody Rec Clanmond Clan SS2 -0510 | Devel 4 (Full V mpliance SP-1 FF SP-2 | J.F. |
| instor | | uished by: |
| -120 t- | Image: Second state Image: Second state Imag | Relinquished by |
| Client: Sulta Client: Sulta Mailing Address: A | | Time: Reinquished by: 1630 251 Lun Received by: Via: Time: Reinquished by: Via: 1900 250 Lun Received by: Via: |
| Phone #: Client: Clien | email or Fax# CAVOC Packag Accreditation: CAVOC Packag Accreditation: Date Time Date Time | Date: Date: Date: Date: |



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

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 2009B07-001 Matrix: SOIL Received Date: 9/18/2020 8:00:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyst: MRA **EPA METHOD 300.0: ANIONS** 55435 ~~ 0/05/0000 0.04.44 AM 20 М 18

| Chloride | 130 | 60 | mg/Kg | 20 | 9/25/2020 2:34:41 AM | 55435 |
|--------------------------------------|-------|----------|-------|----|----------------------|-------|
| EPA METHOD 8015M/D: DIESEL RANGE ORG | ANICS | | | | 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
- Practical Quanitative Limit PQL
- % 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:

Analyses

Analytical Report Lab Order 2009B07

Date Reported: 9/25/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H- North Devon Cotton Draw 181 SWD Collection Date: 9/15/2020 11:30:00 AM 2009B07-002 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 35 N 8

| | | | | | ··) - · | |
|-------------------------------------|--------|----------|-------|----|----------------------|-------|
| Chloride | ND | 60 | mg/Kg | 20 | 9/25/2020 2:47:06 AM | 55435 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | 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 |
| | | | | | | |

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
- Practical Quanitative Limit PQL
- % 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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14

1.5

15.00

| Client: Project: | • | y & Environme n Cotton Draw | | | | | | | | | |
|---------------------|-----------|--------------------------------|-----------------|-----------|-------------|----------|-----------|--------------------|------|----------|------|
| Sample ID: M | B-55435 | SampT | ype: m l | blk | Tes | tCode: E | PA Method | 300.0: Anion | s | | |
| Client ID: PE | BS | Batch | ID: 55 | 435 | F | RunNo: 7 | 2148 | | | | |
| Prep Date: 9 | 9/24/2020 | Analysis D | ate: 9/ | /24/2020 | S | SeqNo: 2 | 529091 | Units: mg/k | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 1.5 | | | | | | | | |
| Sample ID: LC | CS-55435 | SampT | ype: Ics | 6 | Tes | tCode: E | PA Method | 300.0: Anion | s | | |
| Client ID: LC | CSS | Batch | ID: 55 | 435 | F | RunNo: 7 | 2148 | | | | |
| Prep Date: 9 | 9/24/2020 | Analysis D | ate: 9/ | /24/2020 | S | SeqNo: 2 | 529092 | Units: mg/k | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

0

92.4

90

110

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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2009B07

25-Sep-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| • | z Environmental Solutions Cotton Draw 181 SWD | | | |
|--------------------------------|--|---------------------------|---------------------------|-------------|
| Sample ID: LCS-55318 | SampType: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Org | janics |
| Client ID: LCSS | Batch ID: 55318 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/22/2020 | SeqNo: 2524682 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit Qual |
| Diesel Range 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: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Org | anics |
| Client ID: LCSS | Batch ID: 55322 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/22/2020 | SeqNo: 2524684 | Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit Qual |
| Surr: DNOP | 4.0 5.000 | 80.5 30.4 | 154 | |
| Sample ID: LCS-55325 | SampType: LCS | TestCode: EPA Method | 8015M/D: Diesel Range Org | anics |
| Client ID: LCSS | Batch ID: 55325 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/23/2020 | SeqNo: 2524685 | Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit Qual |
| Surr: DNOP | 4.6 5.000 | 92.7 30.4 | 154 | |
| Sample ID: MB-55318 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Org | anics |
| Client ID: PBS | Batch ID: 55318 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/22/2020 | SeqNo: 2524687 | Units: mg/Kg | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit Qual |
| Diesel Range Organics (DRO) | ND 10 | | | |
| Motor Oil Range Organics (MRO) | ND 50 | 70.0 00.4 | | |
| Surr: DNOP | 7.2 10.00 | 72.3 30.4 | 154 | |
| Sample ID: MB-55322 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Org | anics |
| Client ID: PBS | Batch ID: 55322 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/22/2020 | SeqNo: 2524688 | Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit Qual |
| Surr: DNOP | 8.6 10.00 | 86.2 30.4 | 154 | |
| Sample ID: MB-55325 | SampType: MBLK | TestCode: EPA Method | 8015M/D: Diesel Range Org | janics |
| Client ID: PBS | Batch ID: 55325 | RunNo: 72063 | | |
| Prep Date: 9/21/2020 | Analysis Date: 9/22/2020 | SeqNo: 2524689 | Units: %Rec | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RP | DLimit 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

2009B07

25-Sep-20

| • | & Environmenta Cotton Draw 18 | | | | | | | | |
|--|----------------------------------|--------------|---|-----------|-----------|---------------------------------|--------------------|----------|------|
| Sample ID: mb-55300 Client ID: PBS | SampType: Batch ID: | 55300 | TestCode: EPA Method 8015D: Gasoline Range RunNo: 72044 SegNo: 2523843 Units: mg/Kg | | | | | | |
| Prep Date: 9/21/2020 Analyte | | | SPK Ref Val | %REC | LowLimit | Units: mg/K HighLimit | • 9 %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 850 | 5.0 1000 | | 84.9 | 75.3 | 105 | | | |
| Sample ID: Ics-55300 | SampType: | LCS | Tes | tCode: EF | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batch ID: | 55300 | F | RunNo: 72 | 2044 | | | | |
| Prep Date: 9/21/2020 | Analysis Date: | 9/22/2020 | S | SeqNo: 25 | 523844 | Units: mg/K | g | | |
| Analyte | Result PC | QL 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:

- * 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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25-Sep-20

| | fety & Environm | | | | | | | | | |
|---------------------------|-----------------|-----------------|-----------|-------------|-----------|-----------|--------------------|-------|----------|------|
| Sample ID: mb-55300 | Samp | Туре: МЕ | BLK | Tes | tCode: El | PA Method | 8021B: Volat | tiles | | |
| Client ID: PBS | Bato | h ID: 55 | 300 | F | RunNo: 7 | 2044 | | | | |
| Prep Date: 9/21/2020 | Analysis I | Date: 9/ | 23/2020 | S | SeqNo: 2 | 523891 | Units: mg/k | ٢g | | |
| 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-5530 |) Samp | Туре: LC | s | Tes | tCode: El | PA Method | 8021B: Volat | tiles | | |
| Client ID: LCSS | Bato | h ID: 55 | 300 | F | RunNo: 7 | 2044 | | | | |
| Prep Date: 9/21/2020 | Analysis I | Date: 9/ | 22/2020 | S | SeqNo: 2 | 523892 | Units: mg/# | ٢g | | |
| 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 | | | |
| | | | | | | | | | | |

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

2009B07

25-Sep-20

| | HALL ENVIRONMENTAL ANALYSIS LABORATORY | | TE | ll Environme L: 505-345 'ebsite: clien | 490 Albuquerg 3975 FAX: | 1 Hawk nue, NM 505-34 | tins NE 87109 5-4107 | San | nple Log-In Check List | |
|-------|---|--------------------------|-------------------------------|--|-------------------------------|-----------------------------|----------------------------|---------|------------------------|-------------------------------------|
| Clie | ent Name: | Safety & Ei Solutions | nvironmental | Work | Order Nurr | ber: 200 | 9B07 | | | RcptNo: 1 |
| Rec | ceived By: | Cheyenne | Cason | 9/18/20 | 20 8:00:00 | AM | | | | |
| Cor | npleted By: | Juan Roja | | 9/18/20 | 20 10:19:0 | 4 AM | | que | nag | |
| Rev | viewed By: | em | 9/18/ | 20 | | | | | | |
| Cha | ain of Cus | tody | | | | | | | | |
| 1. 1 | s Chain of Cu | stody comp | lete? | | | Yes | | N | o 🗆 | Not Present |
| 2. H | low was the | sample deliv | ered? | | | Cou | rier | | | |
| 1.000 | g In Vas an attem | pt made to c | cool the samp | les? | | Yes | | N | o 🗆 | |
| 4. v | Vere all samp | les received | at a tempera | ture of >0° C | to 6.0°C | Yes | • | N | • | |
| 5. s | Sample(s) in p | oroper contai | ner(s)? | | | Yes | | N | o 🗆 | |
| 6. S | ufficient sam | ole volume fo | or indicated te | est(s)? | | Yes | ✓ | No | • 🗆 | |
| 7. A | re samples (e | except VOA | and ONG) pro | operly preserve | ed? | Yes | ~ | No | | |
| 8. W | /as preservat | ive added to | bottles? | | | Yes | | No | | NA 🗌 |
| 9. R | eceived at lea | ast 1 vial with | h headspace | <1/4" for AQ \ | /OA? | Yes | | No | | NA 🗹 |
| 10. V | Vere any sam | ple containe | ers received b | roken? | | Yes | | Ν | • | # of preserved bottles checked |
| | oes paperwo lote discrepa | | tle labels? ain of custody |) | | Yes | ✓ | No | | for pH: (<2 or >12 unless noted) |
| 2. A | re matrices c | orrectly ident | tified on Chai | n of Custody? | | Yes | ~ | No | | Adjusted? |
| | | | ere requested | ? | | | ~ | No | | / nillelin |
| | /ere all holdin f no, notify cu | | to be met? uthorization.) | | | Yes | ~ | No | | Checked by: Chu 9118/0 |
| Spec | ial Handli | ng (if app | licable) | | | | | | | |
| 15.V | Vas client not | ified of all di | screpancies v | with this order? |) | Yes | | N | o 🗌 | NA 🗹 |
| | Person M | Notified: | | | Date | | | | | |
| | By Whor | n: | | | Via: | 🗌 eMa | ail 🗌 | Phone [| Fax | In Person |
| | Regardir | | | | | | | | | |
| | | structions: | | | | | | | | |
| 16. / | Additional rem | narks: | | | | | | | | |
| 17. g | Cooler Inform | | 0 | | 0 | | an in | | | 81 |
| | Cooler No | Temp °C 5.0 | Condition Good | Seal Intact | Seal No | Seal Da | ate | Signed | Ву | |

Page 1 of 1

| Received by OCD: 11/17/2022 | 9:40:29 AM | Page 49 of 1 |
|---|--|--|
| AL | | |
| HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request | | |
| | | |
| 871 107 | tomme V | |
| NIM NIM | (tnesedAlthesent) Total Coliform (Present/Absent) | |
| IALL ENVIRONME NALYSIS LABOR www.hallenvironmental.com ns NE - Albuquerque, NM 87109 5-3975 Fax 505-345-4107 Analysis Request | (AOV-im92) 0728 | |
| NV. SIS vironm buque Fax 5 | (AOV) 0828 | - |
| EL Albu Fi | Cl' E' BL' NO ³ ' NO ⁵ ' EO ⁴ ' 2O ⁴ | But to Deven |
| LL AL Ar Ar Ar | KCRA 8 Metals | - De |
| HALL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975 | SMI20728 by 8310 or 82705III | P |
| awki A | EDB (Method 504.1) | |
| 01 H | 8081 Pesticides/8082 PCB's | 88 |
| 149 149 | | Time: Relinquished by: Line: Remarks: Concentration: Relinquished by: Via: Date Time Remarks: Time: Relinquished by: Via: Date Time Remarks: Conc Cour 9/18/20 CBCe Built to Damarks: Conc Cour 9/18/20 CBCe |
| | (1208) s'empire (12021) | Rem |
| | | |
| Swh | | Time 1300 730.e |
| NC N | HEAL NO. | 8 |
| | | Date Date |
| 5 Day Rush 100 181 | J J HO THE THE | Dat 1/1/1 Dat 1/18/20 |
| | | 6 |
| Time: 5 DUUT | Type | |
| Prue: | ager: | Via: Via: Caur |
| Turn-Around Time: Bestandard 1 Project Name: 1000 CUTCU Druw Project #: Project #: | | Received by: Via: |
| Turn-Aroun B-Standa Project Nai Project #: | Project Mar Sampler: On Ice: Cooler Tem Container | Received by: MMM Received by: |
| | Project Sample On Ice: # of Co Cooler Type ar | Rece Rece |
| | | |
| a d rd | | |
| Custody Record + Gruhmwed | Level 4 (Full Validation) npliance A H・ろ 1 F H・Martit | X |
| R & CCC | D Level 4 (Full Va | |
| AN & CO | | 37 |
| -Custod 4 + 6u 4 + 6u 03 C: 03 C: 0. UN | Samp AH- AH- | in in |
| Suc t | | quished t |
| 232R2 ~ | Az Compliance | Retinquished by: |
| Chain-of-Custody Record Chain-of-Custody Record Columnate Solutions gadress: 703 C. Olution Columnate Solutions gadress: 703 C. Olution Columnate Solutions | | Rei |
| Address Address | Package dard AC (Type) (Time | Time: |
| Client: Solution | email or Fax#: QA/QC Package: D-Standard Accreditation: Date Time Date Time | |
| Client: | | Date: |
| | | |



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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Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

7/31/2020 8:41:20 PM

54044

54044

54044

54044

54044

54044

54044

Analyst: RAA

Hall Environmental Analysis Laboratory, Inc.

4.7

0.024

0.047

0.047

0.094

80-120

75.3-105

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

| CLIENT: | CLIENT: Safety & Environmental Solutions | | | Client Sample ID: AH-2 Surface | | | | |
|----------|--|--------------|--|--------------------------------|---------|----------------------|-------|--|
| Project: | Devon Cotton Draw 181 SW | D | Collection Date: 7/23/2020 12:40:00 PM | | | | | |
| Lab ID: | 2007E37-002 | Matrix: SOIL | Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM | | | | | |
| Analyses | | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| | THOD 300.0: ANIONS | | | | Analyst | : CJS | | |
| Chloride | | ND | 60 | mg/Kg | 20 | 8/3/2020 3:26:27 PM | 54130 | |
| EPA ME | THOD 8015M/D: DIESEL RAN | GE ORGANICS | | | | Analyst | : CLP | |
| Diesel R | ange Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 7/31/2020 9:55:39 AM | 54047 | |
| Motor O | il 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 ME | THOD 8015D: GASOLINE RAI | NGE | | | | Analyst | RAA | |

ND

96.3

ND

ND

ND

ND

102

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-3 H-West Collection Date: 7/23/2020 1:25:00 PM

| Lab ID: 2007E37-003 | Matrix: SOIL | 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 | 340 | 60 | | mg/Kg | 20 | 8/3/2020 4:28:29 PM | 54130 | |
| EPA METHOD 8015M/D: DIESEL RANG | BE ORGANICS | | | | | 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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Lab ID:

Analytical Report Lab Order 2007E37

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2007E37-004

Devon Cotton Draw 181 SWD

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

| 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 RANGE ORG | GANICS | | | | | 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 RANGE | | | | | | 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 |

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

2007E37-005

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 U | nits | DF | Date Analyzed | Batch |
|--------------------------------------|--------|----------|--------|-------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | CJS |
| Chloride | 68 | 60 | m | ig/Kg | 20 | 8/3/2020 5:18:09 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE ORG | GANICS | | | | | Analyst | CLP |
| Diesel Range Organics (DRO) | ND | 9.2 | m | ig/Kg | 1 | 7/31/2020 10:46:03 AM | 54047 |
| Motor Oil Range Organics (MRO) | ND | 46 | m | ig/Kg | 1 | 7/31/2020 10:46:03 AM | 54047 |
| Surr: DNOP | 141 | 30.4-154 | % | Rec | 1 | 7/31/2020 10:46:03 AM | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | m | ig/Kg | 1 | 7/31/2020 11:25:05 PM | 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 | m | ig/Kg | 1 | 7/31/2020 11:25:05 PM | 54044 |
| Toluene | ND | 0.048 | m | ig/Kg | 1 | 7/31/2020 11:25:05 PM | 54044 |
| Ethylbenzene | ND | 0.048 | m | ig/Kg | 1 | 7/31/2020 11:25:05 PM | 54044 |
| Xylenes, Total | ND | 0.096 | m | ig/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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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-6 H-South Collection Date: 7/24/2020 9:35:00 AM Received Date: 7/29/2020 9:30:00 AM

| Lab ID: | 2007E37-006 | Matrix: SOIL | Received Date: 7/29/2020 9:30:00 AM | | | | | | |
|----------|--------------------------|--------------|--|------------|----|-----------------------|---------|--|--|
| Analyses | 3 | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analysi | t: CJS | | |
| Chloride | | 67 | 60 | mg/Kg | 20 | 8/3/2020 5:30:34 PM | 54130 | | |
| EPA ME | THOD 8015M/D: DIESEL RAN | IGE ORGANICS | | | | Analyst | t: CLP | | |
| Diesel R | ange Organics (DRO) | ND | 9.2 | mg/Kg | 1 | 7/31/2020 10:56:02 AN | 1 54047 | | |
| Motor O | il Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 7/31/2020 10:56:02 AN | 1 54047 | | |
| Surr: | DNOP | 109 | 30.4-154 | %Rec | 1 | 7/31/2020 10:56:02 AN | 1 54047 | | |
| EPA ME | THOD 8015D: GASOLINE RA | NGE | | | | Analyst | t: RAA | | |
| Gasoline | e 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 PN | 1 54044 | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst | t: RAA | | |
| Benzene | e | ND | 0.024 | mg/Kg | 1 | 7/31/2020 11:48:31 PN | 1 54044 | | |
| Toluene | | ND | 0.048 | mg/Kg | 1 | 7/31/2020 11:48:31 PN | 1 54044 | | |
| Ethylber | nzene | ND | 0.048 | mg/Kg | 1 | 7/31/2020 11:48:31 PN | 1 54044 | | |
| Xylenes | , Total | ND | 0.096 | mg/Kg | 1 | 7/31/2020 11:48:31 PN | 1 54044 | | |
| Surr: | 4-Bromofluorobenzene | 103 | 80-120 | %Rec | 1 | 7/31/2020 11:48:31 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

2007E37-007

Devon Cotton Draw 181 SWD

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 Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS | | | | | Analysi | : CJS |
| Chloride | 310 | 60 | mg/Kg | 20 | 8/3/2020 5:42:58 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst | : CLP |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 7/31/2020 11:06:03 AN | 54047 |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 7/31/2020 11:06:03 AN | 54047 |
| Surr: DNOP | 112 | 30.4-154 | %Rec | 1 | 7/31/2020 11:06:03 AN | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 8/1/2020 12:11:58 AM | 54044 |
| Surr: BFB | 97.6 | 75.3-105 | %Rec | 1 | 8/1/2020 12:11:58 AM | 54044 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : RAA |
| Benzene | ND | 0.024 | mg/Kg | 1 | 8/1/2020 12:11:58 AM | 54044 |
| Toluene | ND | 0.047 | mg/Kg | 1 | 8/1/2020 12:11:58 AM | 54044 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 8/1/2020 12:11:58 AM | 54044 |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 8/1/2020 12:11:58 AM | 54044 |
| Surr: 4-Bromofluorobenzene | 105 | 80-120 | %Rec | 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
- 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-8 H-South Collection Date: 7/24/2020 10:10:00 AM

| Lab ID: 2007E37-008 | Matrix: SOIL | 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 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 AN | 54047 | | |
| Surr: DNOP | 127 | 30.4-154 | %Rec | 1 | 7/31/2020 11:16:06 AM | 54047 | | |
| EPA METHOD 8015D: GASOLINE RANG | 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
- 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

2007E37-009

Devon Cotton Draw 181 SWD

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

| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
|-------------------------------------|---------|----------|------------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | Analysi | t: CJS |
| Chloride | ND | 60 | mg/Kg | 20 | 8/3/2020 6:32:38 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS | | | | Analyst | t: CLP |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 7/31/2020 11:26:12 AN | 1 54047 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 7/31/2020 11:26:12 AN | 1 54047 |
| Surr: DNOP | 102 | 30.4-154 | %Rec | 1 | 7/31/2020 11:26:12 AN | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | t: 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 | t: 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 |

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:

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 2007E37-010 Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch

| | | | | Analyst | : CJS |
|--------|--|--|--|--|---|
| ND | 60 | mg/Kg | 20 | 8/3/2020 6:45:02 PM | 54130 |
| GANICS | | | | Analyst | CLP |
| ND | 10 | mg/Kg | 1 | 7/31/2020 11:36:17 AM | 54047 |
| ND | 50 | mg/Kg | 1 | 7/31/2020 11:36:17 AM | 54047 |
| 95.0 | 30.4-154 | %Rec | 1 | 7/31/2020 11:36:17 AM | 54047 |
| | | | | Analyst | RAA |
| ND | 4.7 | mg/Kg | 1 | 8/1/2020 1:21:54 AM | 54044 |
| 98.8 | 75.3-105 | %Rec | 1 | 8/1/2020 1:21:54 AM | 54044 |
| | | | | Analyst | : RAA |
| ND | 0.023 | mg/Kg | 1 | 8/1/2020 1:21:54 AM | 54044 |
| ND | 0.047 | mg/Kg | 1 | 8/1/2020 1:21:54 AM | 54044 |
| ND | 0.047 | mg/Kg | 1 | 8/1/2020 1:21:54 AM | 54044 |
| ND | 0.093 | mg/Kg | 1 | 8/1/2020 1:21:54 AM | 54044 |
| 105 | 80-120 | %Rec | 1 | 8/1/2020 1:21:54 AM | 54044 |
| | GANICS ND 95.0 ND 98.8 ND ND ND ND ND | Same Same ND 10 ND 50 95.0 30.4-154 ND 4.7 98.8 75.3-105 ND 0.023 ND 0.047 ND 0.047 ND 0.093 | ND 10 mg/Kg ND 10 mg/Kg 95.0 30.4-154 %Rec ND 4.7 mg/Kg 98.8 75.3-105 %Rec ND 0.023 mg/Kg ND 0.047 mg/Kg ND 0.047 mg/Kg ND 0.093 mg/Kg | ND 10 mg/Kg 1 ND 10 mg/Kg 1 ND 50 mg/Kg 1 95.0 30.4-154 %Rec 1 ND 4.7 mg/Kg 1 98.8 75.3-105 %Rec 1 ND 0.023 mg/Kg 1 ND 0.047 mg/Kg 1 ND 0.047 mg/Kg 1 ND 0.093 mg/Kg 1 | GANICS Analyst ND 10 mg/Kg 1 7/31/2020 11:36:17 AM ND 50 mg/Kg 1 7/31/2020 11:36:17 AM 95.0 30.4-154 %Rec 1 7/31/2020 11:36:17 AM MD 50 mg/Kg 1 7/31/2020 11:36:17 AM 95.0 30.4-154 %Rec 1 7/31/2020 11:36:17 AM ND 4.7 mg/Kg 1 8/1/2020 11:36:17 AM 98.8 75.3-105 %Rec 1 8/1/2020 1:21:54 AM 98.8 75.3-105 %Rec 1 8/1/2020 1:21:54 AM ND 0.023 mg/Kg 1 8/1/2020 1:21:54 AM ND 0.047 mg/Kg 1 8/1/2020 1:21:54 AM ND 0.047 mg/Kg 1 8/1/2020 1:21:54 AM ND 0.047 mg/Kg 1 8/1/2020 1:21:54 AM ND 0.093 mg/Kg 1 8/1/2020 1:21:54 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

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

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Lab ID:

CLIENT: Safety & Environmental Solutions

2007E37-011

Devon Cotton Draw 181 SWD

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: AH-11 Surface Collection Date: 7/24/2020 11:00:00 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 | ND | 60 | | mg/Kg | 20 | 8/3/2020 6:57:26 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | | 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 |

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

CLIENT: Safety & Environmental Solutions

2007E37-012

Devon Cotton Draw 181 SWD

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

| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
|-------------------------------------|---------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS | | | | | Analysi | : CJS |
| Chloride | 230 | 60 | mg/Kg | 20 | 8/3/2020 7:09:50 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OF | RGANICS | | | | 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
- 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

2007E37-013

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 OF | 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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CLIENT: Safety & Environmental Solutions

Surr: 4-Bromofluorobenzene

Devon Cotton Draw 181 SWD

Analytical Report Lab Order 2007E37

8/1/2020 3:42:34 AM

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 8/5/2020 Client Sample ID: AH-14 Surface Collection Date: 7/24/2020 12:00:00 PM Pageived Date: 7/20/2020 0:20:00 AM

| Lab ID: 2007E37-014 | Matrix: SOIL | | 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 RANGE | 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 | E | | | | 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 | | | |

107

80-120

%Rec

1

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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54044

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 | | | | | Analyst | : CJS |
| Chloride | 67 | 60 | mg/Kg | 20 | 8/3/2020 7:47:04 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst | : CLP |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 7/31/2020 12:26:17 PM | 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 | 54047 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | 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 | | | | | Analyst | : 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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Lab ID:

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2007E37-016

Devon Cotton Draw 181 SWD

Client Sample ID: AH-16 Surface Collection Date: 7/24/2020 12:50:00 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 | 200 | 60 | mg/Kg | 20 | 8/3/2020 7:59:29 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analys | t: CLP |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 7/31/2020 12:36:18 PM | 1 54047 |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 7/31/2020 12:36:18 PM | 1 54047 |
| Surr: DNOP | 102 | 30.4-154 | %Rec | 1 | 7/31/2020 12:36:18 PM | 1 54047 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analys | t: RAA |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 8/1/2020 4:29:30 AM | 54044 |
| Surr: BFB | 98.6 | 75.3-105 | %Rec | 1 | 8/1/2020 4:29:30 AM | 54044 |
| EPA METHOD 8021B: VOLATILES | | | | | Analys | t: 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 |
| Ethylbenzene | 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 |

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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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-17 Surface Collection Date: 7/24/2020 1:10:00 PM

| Lab ID: | 2007E37-017 | Matrix: SOIL | | Received Dat | e: 7/2 | 29/2020 9:30:00 AM | |
|----------|-------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Analyses | | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA MET | THOD 300.0: ANIONS | | | | | Analyst | : CJS |
| Chloride | | 200 | 59 | mg/Kg | 20 | 8/3/2020 8:11:53 PM | 54130 |
| EPA MET | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst | CLP |
| Diesel R | ange Organics (DRO) | ND | 10 | mg/Kg | 1 | 7/31/2020 12:46:18 PM | 54047 |
| Motor Oi | il Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 7/31/2020 12:46:18 PM | 54047 |
| Surr: I | DNOP | 105 | 30.4-154 | %Rec | 1 | 7/31/2020 12:46:18 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 4:53:01 AM | 54044 |
| Surr: I | BFB | 95.9 | 75.3-105 | %Rec | 1 | 8/1/2020 4:53:01 AM | 54044 |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst | RAA |
| Benzene |) | ND | 0.024 | mg/Kg | 1 | 8/1/2020 4:53:01 AM | 54044 |
| Toluene | | ND | 0.048 | mg/Kg | 1 | 8/1/2020 4:53:01 AM | 54044 |
| Ethylben | izene | ND | 0.048 | mg/Kg | 1 | 8/1/2020 4:53:01 AM | 54044 |
| Xylenes, | Total | ND | 0.096 | mg/Kg | 1 | 8/1/2020 4:53:01 AM | 54044 |
| Surr: 4 | 4-Bromofluorobenzene | 102 | 80-120 | %Rec | 1 | 8/1/2020 4:53:01 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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Lab ID:

CLIENT: Safety & Environmental Solutions

2007E37-018

Devon Cotton Draw 181 SWD

Analytical Report Lab Order 2007E37

Hall Environmental Analysis Laboratory, Inc.

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

| | Soll | | | | | | |
|------------------------------------|---------|----------|------------|----|-----------------------|-------|--|
| 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 8:24:17 PM | 54130 | |
| EPA METHOD 8015M/D: DIESEL RANGE C | RGANICS | | | | 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
- 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

Surr: 4-Bromofluorobenzene

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 | | Received Dat | e: 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 | 59 | mg/Kg | 20 | 8/3/2020 9:01:30 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE | 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 | E | | | | 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 |
| | | | | | | |

104

80-120

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

%Rec 1

- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

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54044

8/1/2020 5:40:18 AM

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 | | | | | Analyst | CJS |
| Chloride | ND | 60 | mg/Kg | 20 | 8/3/2020 9:13:55 PM | 54130 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst | 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 | | | | | Analyst | 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 | | | | | Analyst | 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
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

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CLIENT: Safety & Environmental Solutions

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2007E37

8/1/2020 6:27:25 AM

Hall Environmental Analysis Laboratory, Inc.

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

| Project: | Devon Cotton Draw 181 | SWD | (| Collection Dat | e: 7/2 | 27/2020 9:00:00 AM | |
|----------|-------------------------|---------------|----------|---------------------|---------------|----------------------|-------|
| Lab ID: | 2007E37-021 | Matrix: SOIL | | Received Dat | e: 7/2 | 29/2020 9:30:00 AM | |
| Analyse | S | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst | CJS |
| Chloride | e | 80 | 60 | mg/Kg | 20 | 8/3/2020 9:26:20 PM | 54130 |
| EPA ME | THOD 8015M/D: DIESEL R | ANGE ORGANICS | | | | Analyst | BRM |
| Diesel F | Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 8/4/2020 11:47:47 AM | 54047 |
| Motor C | il 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 ME | THOD 8015D: GASOLINE | RANGE | | | | Analyst | RAA |
| Gasolin | e 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 ME | THOD 8021B: VOLATILES | | | | | Analyst | RAA |
| Benzen | e | ND | 0.023 | mg/Kg | 1 | 8/1/2020 6:27:25 AM | 54044 |
| Toluene | 9 | ND | 0.047 | mg/Kg | 1 | 8/1/2020 6:27:25 AM | 54044 |
| Ethylbe | nzene | ND | 0.047 | mg/Kg | 1 | 8/1/2020 6:27:25 AM | 54044 |
| Xylenes | s, Total | ND | 0.094 | mg/Kg | 1 | 8/1/2020 6:27:25 AM | 54044 |

103

80-120

%Rec

1

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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54044

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 | | | | | 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 | NICS | | | | 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 | | | | | 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
- 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 Sample pH Not In Range
- Р
- RL Reporting Limit

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Lab ID:

CLIENT: Safety & Environmental Solutions

2007E37-023

Devon Cotton Draw 181 SWD

Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

Hall Environmental Analysis Laboratory, Inc.

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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In 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-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 1 7/31/2020 5:05:49 PM 54051 48 mg/Kg 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 limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2007E37

Date Reported: 8/5/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

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

| Lab ID: 2007E37-025 | Matrix: SOIL | Matrix: SOIL Received Date: 7/29/2020 9:30:00 A | | | | | | |
|--------------------------------|--------------|---|----------------------|----|----------------------|-------|--|--|
| Analyses | Result | RL | RL Qual Units | | 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: GASOLI | NE 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 RA | NGE ORGANICS | | | | 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 S | HORT 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 | | |

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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Surr: Toluene-d8

Project:

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-26 Surface Collection Date: 7/27/2020 11:15:00 AM **Received Date:** 7/20/2020 0:30:00 AM

| Lab ID: 2007E37-026 | Matrix: SOIL | | Received Dat | e: 7/2 | 29/2020 9:30:00 AM | |
|----------------------------------|--------------|----------|---------------------|---------------|----------------------|-------|
| 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 9:41:13 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 | 99.1 | 70-130 | %Rec | 1 | 7/31/2020 2:42:55 PM | 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 | 48 | mg/Kg | 1 | 7/31/2020 5:26:47 PM | 54051 |
| Surr: DNOP | 84.2 | 30.4-154 | %Rec | 1 | 7/31/2020 5:26:47 PM | 54051 |
| EPA METHOD 8260B: VOLATILES SHOP | RT LIST | | | | Analyst | DJF |
| Benzene | ND | 0.025 | mg/Kg | 1 | 7/31/2020 2:42:55 PM | 54045 |
| 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 | 1 | 7/31/2020 2:42:55 PM | 54045 |
| 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 |

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
- 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

2007E37-027

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

| Result | RL | Qual Units | DF | Date Analyzed | Batch | | | |
|--------|---|--|--|--|--|--|--|--|
| | | | | Analyst | CAS | | | |
| ND | 60 | mg/Kg | 20 | 8/3/2020 10:18:14 PM | 54139 | | | |
| Ξ | | | | Analyst | DJF | | | |
| ND | 5.0 | mg/Kg | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| 101 | 70-130 | %Rec | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| ANICS | | | | Analyst | : CLP | | | |
| ND | 9.9 | mg/Kg | 1 | 7/31/2020 5:37:24 PM | 54051 | | | |
| ND | 49 | mg/Kg | 1 | 7/31/2020 5:37:24 PM | 54051 | | | |
| 49.3 | 30.4-154 | %Rec | 1 | 7/31/2020 5:37:24 PM | 54051 | | | |
| т | | | | Analyst | DJF | | | |
| ND | 0.025 | mg/Kg | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| ND | 0.050 | mg/Kg | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| ND | 0.050 | mg/Kg | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| ND | 0.099 | mg/Kg | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| 105 | 70-130 | %Rec | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| 97.5 | 70-130 | %Rec | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| 108 | 70-130 | %Rec | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| 101 | 70-130 | %Rec | 1 | 7/31/2020 3:11:39 PM | 54045 | | | |
| | ND 101 ANICS ND 49.3 T ND ND ND ND ND 105 97.5 108 | ND 60 ND 5.0 101 70-130 ANICS ND 9.9 ND 49 49.3 30.4-154 T ND 0.025 ND 0.050 ND 0.050 ND 0.050 ND 0.099 105 70-130 97.5 70-130 108 70-130 108 70-130 | ND 60 mg/Kg ND 5.0 mg/Kg 101 70-130 %Rec ANICS ND 9.9 mg/Kg ND 49 mg/Kg 49.3 30.4-154 %Rec T ND 0.025 mg/Kg ND 0.050 mg/Kg ND 0.099 mg/Kg ND 0.099 mg/Kg ND 0.099 mg/Kg ND 0.099 mg/Kg ND 0.030 %Rec 97.5 70-130 %Rec 108 70-130 <td>ND 60 mg/Kg 20 ND 5.0 mg/Kg 1 101 70-130 %Rec 1 ANICS ND 9.9 mg/Kg 1 AND 49 mg/Kg 1 49.3 30.4-154 %Rec 1 T ND 0.025 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.099 mg/Kg 1 ND 0.099 mg/Kg 1 105 70-130 %Rec 1 97.5 70-130 %Rec 1 108 70-130 %Rec 1</td> <td>ND 60 mg/Kg 20 8/3/2020 10:18:14 PM ND 60 mg/Kg 1 7/31/2020 3:11:39 PM ND 5.0 mg/Kg 1 7/31/2020 3:11:39 PM 101 70-130 %Rec 1 7/31/2020 3:11:39 PM ANICS Analyst ND 9.9 mg/Kg 1 7/31/2020 5:37:24 PM ND 49 mg/Kg 1 7/31/2020 5:37:24 PM 49.3 30.4-154 %Rec 1 7/31/2020 5:37:24 PM 49.3 30.4-154 %Rec 1 7/31/2020 5:37:24 PM MD 49 mg/Kg 1 7/31/2020 5:37:24 PM MD 50 mg/Kg 1 7/31/2020 5:37:24 PM MD 0.025 mg/Kg 1 7/31/2020 5:37:24 PM MD 0.025 mg/Kg 1 7/31/2020 3:11:39 PM ND 0.025 mg/Kg 1 7/31/2020 3:11:39 PM ND 0.050 mg/Kg 1 7/31/2020 3:11:39 PM </td> | ND 60 mg/Kg 20 ND 5.0 mg/Kg 1 101 70-130 %Rec 1 ANICS ND 9.9 mg/Kg 1 AND 49 mg/Kg 1 49.3 30.4-154 %Rec 1 T ND 0.025 mg/Kg 1 ND 0.050 mg/Kg 1 ND 0.099 mg/Kg 1 ND 0.099 mg/Kg 1 105 70-130 %Rec 1 97.5 70-130 %Rec 1 108 70-130 %Rec 1 | ND 60 mg/Kg 20 8/3/2020 10:18:14 PM ND 60 mg/Kg 1 7/31/2020 3:11:39 PM ND 5.0 mg/Kg 1 7/31/2020 3:11:39 PM 101 70-130 %Rec 1 7/31/2020 3:11:39 PM ANICS Analyst ND 9.9 mg/Kg 1 7/31/2020 5:37:24 PM ND 49 mg/Kg 1 7/31/2020 5:37:24 PM 49.3 30.4-154 %Rec 1 7/31/2020 5:37:24 PM 49.3 30.4-154 %Rec 1 7/31/2020 5:37:24 PM MD 49 mg/Kg 1 7/31/2020 5:37:24 PM MD 50 mg/Kg 1 7/31/2020 5:37:24 PM MD 0.025 mg/Kg 1 7/31/2020 5:37:24 PM MD 0.025 mg/Kg 1 7/31/2020 3:11:39 PM ND 0.025 mg/Kg 1 7/31/2020 3:11:39 PM ND 0.050 mg/Kg 1 7/31/2020 3:11:39 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
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit
- Page 27 of 43

Surr: Toluene-d8

Project:

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-28 Surface Collection Date: 7/27/2020 12:05:00 PM

Lab ID: 2007E37-028 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 ND 60 mg/Kg 20 8/3/2020 10:30:35 PM 54139 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 7/31/2020 3:40:18 PM 54045 Surr: BFB 7/31/2020 3:40:18 PM 54045 103 70-130 %Rec 1 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: CLP **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 7/31/2020 5:48:03 PM 54051 Motor Oil Range Organics (MRO) ND 7/31/2020 5:48:03 PM 54051 47 mg/Kg 1 Surr: DNOP 60.7 30.4-154 %Rec 7/31/2020 5:48:03 PM 54051 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF ND 7/31/2020 3:40:18 PM 54045 Benzene 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 7/31/2020 3:40:18 PM 54045 Ethylbenzene ND 0.050 mg/Kg 1 7/31/2020 3:40:18 PM 54045 Xylenes, Total ND 0.099 mg/Kg 7/31/2020 3:40:18 PM 54045 1 Surr: 1,2-Dichloroethane-d4 102 70-130 %Rec 1 7/31/2020 3:40:18 PM 54045 Surr: 4-Bromofluorobenzene 100 70-130 %Rec 1 7/31/2020 3:40:18 PM 54045 Surr: Dibromofluoromethane 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

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

2007E37-029

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 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 | 59 | mg/Kg | 20 | 8/3/2020 10:42:56 PM | 54139 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | Analyst | DJF |
| Gasoline 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 METHOD 8015M/D: DIESEL RANGE ORGA | NICS | | | | Analyst | CLP |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 7/31/2020 5:58:41 PM | 54051 |
| Motor Oil 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 METHOD 8260B: VOLATILES SHORT LIST | | | | | Analyst | DJF |
| Benzene | 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 |
| Ethylbenzene | 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 |

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-30 Surface Collection Date: 7/27/2020 12:50:00 PM

| Lab ID: 2007E37-030 | Matrix: SOIL | | Received Date | e: 7/2 | 29/2020 9:30:00 AM | |
|--------------------------------|--------------|----------|----------------------|--------|----------------------|-------|
| Analyses | Result | RL | RL Qual Units | | 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: GASOLI | INE 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 RA | NGE ORGANICS | | | | 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 S | 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 |

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

| Lab ID: | 2007E37-031 | Matrix: SOIL | Received Date: 7/29/2020 9:30:00 AM | | | | | | |
|----------------|-------------------------|--------------|--|----------------------|-----|------------------|----------------------|-------|--|
| Analyses | 3 | Result | RL | RL Qual Units | | DF Date Analyzed | | Batch | |
| EPA ME | THOD 300.0: ANIONS | | | | | | Analyst | CAS | |
| Chloride | | ND | 60 | mg | /Kg | 20 | 8/3/2020 11:07:37 PM | 54139 | |
| EPA ME | THOD 8015D MOD: GASOLI | NE RANGE | | | | | Analyst | DJF | |
| Gasoline | e Range Organics (GRO) | ND | 4.9 | mg | /Kg | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Surr: | BFB | 104 | 70-130 | %F | Rec | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | | Analyst | CLP | |
| Diesel R | ange Organics (DRO) | ND | 9.8 | mg | /Kg | 1 | 7/31/2020 6:19:51 PM | 54051 | |
| Motor O | il Range Organics (MRO) | ND | 49 | mg | /Kg | 1 | 7/31/2020 6:19:51 PM | 54051 | |
| Surr: | DNOP | 88.9 | 30.4-154 | %F | Rec | 1 | 7/31/2020 6:19:51 PM | 54051 | |
| EPA ME | THOD 8260B: VOLATILES S | HORT LIST | | | | | Analyst | DJF | |
| Benzene | e | ND | 0.024 | mg | /Kg | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Toluene | | ND | 0.049 | mg | /Kg | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Ethylber | izene | ND | 0.049 | mg | /Kg | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Xylenes | , Total | ND | 0.098 | mg | /Kg | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Surr: | 1,2-Dichloroethane-d4 | 103 | 70-130 | %F | Rec | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Surr: | 4-Bromofluorobenzene | 97.0 | 70-130 | %F | Rec | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Surr: | Dibromofluoromethane | 107 | 70-130 | %F | Rec | 1 | 7/31/2020 5:06:15 PM | 54045 | |
| Surr: | Toluene-d8 | 104 | 70-130 | %F | Rec | 1 | 7/31/2020 5:06:15 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 limits
- P 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-32 Surface Collection Date: 7/27/2020 1:50:00 PM

Lab ID: 2007E37-032 Matrix: SOIL Received Date: 7/29/2020 9:30:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** Chloride 290 60 mg/Kg 20 8/3/2020 11:19:57 PM 54139 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 7/31/2020 5:35:00 PM 54045 Surr: BFB 7/31/2020 5:35:00 PM 54045 102 70-130 %Rec 1 **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 7/31/2020 6:30:17 PM 54051 48 mg/Kg 1 Surr: DNOP 120 30.4-154 %Rec 7/31/2020 6:30:17 PM 54051 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF 7/31/2020 5:35:00 PM ND 54045 Benzene 0.024 mg/Kg 1 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 7/31/2020 5:35:00 PM 54045 1 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
- 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

2007E37-033

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

| unia soll | | | | | | | |
|-----------|--|--|--|---|---|--|--|
| Result | RL | Qual Units | DF | DF Date Analyzed | | | |
| | | | | Analyst | CAS | | |
| ND | 60 | mg/Kg | 20 | 8/3/2020 11:32:17 PM | 54139 | | |
| E | | | | Analyst | DJF | | |
| ND | 4.9 | mg/Kg | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| 96.1 | 70-130 | %Rec | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| GANICS | | | | Analyst | : CLP | | |
| ND | 9.7 | mg/Kg | 1 | 7/31/2020 6:40:36 PM | 54051 | | |
| ND | 48 | mg/Kg | 1 | 7/31/2020 6:40:36 PM | 54051 | | |
| 80.3 | 30.4-154 | %Rec | 1 | 7/31/2020 6:40:36 PM | 54051 | | |
| ST | | | | Analyst | : DJF | | |
| ND | 0.024 | mg/Kg | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| ND | 0.049 | mg/Kg | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| ND | 0.049 | mg/Kg | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| ND | 0.098 | mg/Kg | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| 104 | 70-130 | %Rec | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| 98.7 | 70-130 | %Rec | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| 107 | 70-130 | %Rec | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| 98.3 | 70-130 | %Rec | 1 | 7/31/2020 6:03:42 PM | 54045 | | |
| | ND 96.1 GANICS ND ND 80.3 ST ND ND ND ND ND ND ND 104 98.7 107 | ND 60 SE ND 4.9 96.1 70-130 GANICS ND 9.7 ND 4.8 80.3 30.4-154 ST ND 0.024 ND 0.024 ND 0.049 ND 0.049 ND 0.049 ND 0.049 ND 0.098 104 70-130 98.7 70-130 98.7 70-130 107 70-130 | ND 60 mg/Kg SE ND 4.9 mg/Kg 96.1 70-130 %Rec GANICS ND 9.7 mg/Kg ND 48 mg/Kg 80.3 30.4-154 %Rec ST 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 104 70-130 %Rec 98.7 70-130 %Rec 107 70-130 %Rec | ND 60 mg/Kg 20 SE ND 4.9 mg/Kg 1 96.1 70-130 %Rec 1 GANICS ND 9.7 mg/Kg 1 MD 48 mg/Kg 1 ND 48 mg/Kg 1 ST ND 0.024 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 60 mg/Kg 20 8/3/2020 11:32:17 PM SE Analyst ND 4.9 mg/Kg 1 7/31/2020 6:03:42 PM 96.1 70-130 %Rec 1 7/31/2020 6:03:42 PM 96.1 70-130 %Rec 1 7/31/2020 6:03:42 PM GANICS Analyst ND 9.7 mg/Kg 1 7/31/2020 6:40:36 PM ND 9.7 mg/Kg 1 7/31/2020 6:40:36 PM ND 48 mg/Kg 1 7/31/2020 6:40:36 PM 80.3 30.4-154 %Rec 1 7/31/2020 6:03:42 PM ND 0.024 mg/Kg 1 7/31/2020 6:03:42 PM ND 0.049 mg/Kg 1 7/31/2020 6:03:42 PM ND 0.049 mg/Kg 1 7/31/2020 6:03:42 PM ND 0.049 mg/Kg 1 7/31/2020 6:03:42 PM ND 0.098 mg/Kg 1 7/31/2020 6:03:42 PM ND 0.098 mg/Kg | | |

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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2007E37

05-Aug-20

WO#:

| Client: | Safe | ty & Environmental Solutions | |
|---------------------|-------------------|--|--|
| Project: | Deve | on Cotton Draw 181 SWD | |
| Sample ID: | MB-54130 | SampType: mblk TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 54130 RunNo: 70807 | |
| Prep Date: | 8/3/2020 | 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: | | Batch ID: 54130 RunNo: 70807 | |
| Prep Date: | | 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-54139 | SampType: mblk TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 54139 RunNo: 70812 | |
| | 8/3/2020 | 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 | |
| Somple ID: | 1 00 54420 | SampType: Ics TestCode: EPA Method 300.0: Anions | |
| | LCS-54139 LCSS | Batch ID: 54139 RunNo: 70812 | |
| Prep Date: | | Analysis Date: 8/3/2020 SeqNo: 2465250 Units: mg/Kg | |
| | 0/3/2020 | | |
| Analyte Chloride | | Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 14 1.5 15.00 0 92.0 90 110 | |
| | | | |
| | MB-54133 | SampType: mblk TestCode: EPA Method 300.0: Anions | |
| Client ID: | PBS | Batch ID: 54133 RunNo: 70785 | |
| Prep Date: | 8/3/2020 | 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 | |

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

| - | & Environmental Solutions Cotton Draw 181 SWD | | | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|--|
| 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: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Client ID: PBS | Batch ID: 54043 | RunNo: 70757 | | | | | | | | |
| 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: 70804 | | | | | | | | |
| 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 | | | | | | | | | |
| | | 124 30.4 154 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND 50 | 124 30.4 154 TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Motor Oil Range Organics (MRO) Surr: DNOP | ND 50 12 10.00 | | | | | | | | | |
| Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-54047 | ND 50 12 10.00 SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
| Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-54047 Client ID: LCSS | ND 50 12 10.00 SampType: LCS Batch ID: 54047 Analysis Date: 7/31/2020 | TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 70804 | | | | | | | | |
| Motor Oil Range Organics (MRO) Surr: DNOP Sample ID: LCS-54047 Client ID: LCSS Prep Date: 7/29/2020 | ND 50 12 10.00 SampType: LCS Batch ID: 54047 Analysis Date: 7/31/2020 | TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 70804 RunNo: 70804 SeqNo: 2464709 Units: mg/Kg SPK Ref Val %REC LowLimit MRPD RPDLimit Qual 0 102 70 130 Val Val | | | | | | | | |

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
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- P Sample pH Not In Range
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| Client: Project: | • | Environme otton Draw | | | | | | | | | |
|---------------------|----------------|-------------------------|----------------|-----------|---|-----------------------------|-----------|--------------|------------|------------|------|
| Sample ID: | LCS-54051 | SampT | ype: LC | S | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
| Client ID: | LCSS | Batch | ID: 54 | 051 | F | unNo: 7 | 0804 | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | S | SeqNo: 2464710 Units: mg/Kg | | | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (DRO) | 58 | 10 | 50.00 | 0 | 116 | 70 | 130 | | | |
| Surr: DNOP | | 5.7 | | 5.000 | | 115 | 30.4 | 154 | | | |
| Sample ID: | 2007E37-002AMS | SampT | ype: MS | 3 | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | AH-2 Surface | Batch | ID: 54 | 047 | RunNo: 70804 | | | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | SeqNo: 2464755 Units: mg/Kg | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (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: | 2007E37-002AMS | D SampT | ype: MS | SD | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: | AH-2 Surface | Batch | ID: 54 | 047 | F | lunNo: 7 | 0804 | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | S | eqNo: 24 | 464758 | Units: mg/k | ζg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range C | Organics (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 | |

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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Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

| Project: | Devon Co | otton Draw | 7 181 S | WD | | | | | | | | |
|----------------|------------------|------------|----------------|-----------|---------------------------------------|-----------|-----------|-------------|-----------|----------|------|--|
| Sample ID: | 2007e37-002ams | SampT | ype: M | 6 | Tes | tCode: El | PA Method | 8015D: Gasc | line Rang | e | | |
| Client ID: | AH-2 Surface | Batch | n ID: 54 | 044 | F | lunNo: 7 | 0754 | | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | S | eqNo: 2 | 462779 | Units: mg/K | (g | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Basoline Range | e 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: | 2007e37-002amsd | SampT | ype: MS | SD | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | |
| Client ID: | AH-2 Surface | Batch | n ID: 54 | 044 | F | lunNo: 7 | 0754 | | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | SeqNo: 2462780 Units: n | | | Units: mg/K | mg/Kg | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| asoline Range | e 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: | lcs-54044 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | | |
| Client ID: | LCSS | Batch | n ID: 54 | 044 | F | unNo: 7 | 0754 | | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | S | eqNo: 2 | 462804 | Units: mg/K | ſg | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| asoline Range | e 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 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8015D: Gasc | line Rang | e | | |
| Client ID: | PBS | Batch | n ID: 54 | 044 | F | lunNo: 7 | 0754 | | | | | |
| Prep Date: | 7/29/2020 | Analysis D | ate: 7/ | 31/2020 | S | eqNo: 2 | 462805 | Units: mg/K | (g | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| - | e Organics (GRO) | ND | 5.0 | | | | | | | | | |
| Surr: BFB | | 1000 | | 1000 | | 99.9 | 75.3 | 105 | | | | |

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

2007E37

05-Aug-20

| Client:Safety & 2Project:Devon Co | | | | | | | | | | |
|-----------------------------------|--|-----------------|-----------|-------------|-----------------------------|-----------|--------------|-------|----------|------|
| Sample ID: 2007e37-003ams | Samp | Гуре: МS | 3 | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: AH-3 H-West | Batc | h ID: 54 | 044 | F | RunNo: 70 | 0754 | | | | |
| 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 | D: 2007e37-003amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
| Client ID: AH-3 H-West | Batch ID: 54044 RunNo: 70754 | | | | | | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 31/2020 | S | SeqNo: 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 | Type: LC | S | Tes | tCode: EF | PA Method | 8021B: Volat | iles | | |
| Client ID: LCSS | Batc | h ID: 54 | 044 | F | RunNo: 7 | 0754 | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 31/2020 | S | SeqNo: 24 | 462903 | Units: mg/k | íg | | |
| 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 | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8021B: Vola | iles | | |
| Client ID: PBS | Batc | h ID: 54 | 044 | F | RunNo: 70 | 0754 | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 31/2020 | S | SeqNo: 24 | 462904 | Units: mg/k | ſg | | |
| 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 | | | |

Qualifiers:

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- 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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2007E37

WO#:

| Hall Environmen | | • | | • · | | | | | | 05-Aug- |
|-----------------------------|-------------|-----------------|-----------|-------------|-----------|-----------|--------------------|------------|----------|---------|
| Client: Safety | & Environm | ental So | olutions | | | | | | | |
| Project: Devon | Cotton Drav | w 181 S | WD | | | | | | | |
| Sample ID: mb-54042 | Samp | Туре: МЕ | BLK | Tes | tCode: El | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: PBS | Batc | h ID: 54 | 042 | F | RunNo: 7 | 0747 | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 30/2020 | S | SeqNo: 2 | 462167 | 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: 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 | Туре: LC | S4 | Tes | tCode: El | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: BatchQC | | h ID: 54 | | F | RunNo: 7 | 0747 | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 30/2020 | S | SeqNo: 2 | 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 | Type: ME | BLK | Tes | tCode: El | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: PBS | Batc | h ID: 54 | 045 | F | RunNo: 7 | 0747 | | | | |
| Prep Date: 7/29/2020 | Analysis [| Date: 7/ | 31/2020 | S | SeqNo: 2 | 462218 | 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: 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 | | | |
| | | | | | | | | | | |

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- 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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| • | Environm otton Drav | | | | | | | | | |
|--|------------------------|---------------------------|------------------|-----------------------------|------------|-----------|--------------------|------------|----------|----------|
| Sample ID: Ics-54045 | Samp | Type: LC | S4 | Tes | tCode: EF | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: BatchQC | Batc | h ID: 54 | 045 | RunNo: 70747 | | | | | | |
| Prep Date: 7/29/2020 | Analysis I | | | | SeqNo: 24 | | Units: mg/K | a | | |
| | | | | | | | • | - | | <u> </u> |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.97 | 0.025 | 1.000 1.000 | 0 | 97.4 | 80 | 120 | | | |
| Toluene | 0.99 | 0.050 | | 0 | 98.9 | 80 | 120 | | | |
| Ethylbenzene Xylenes, Total | 1.0 3.2 | 0.050 0.10 | 1.000 3.000 | 0 0 | 101 107 | 80 80 | 120 120 | | | |
| Surr: 1,2-Dichloroethane-d4 | 3.2 0.53 | 0.10 | | 0 | 107 | 80 70 | 120 | | | |
| Surr: 4-Bromofluorobenzene | | | 0.5000 | | | | | | | |
| Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane | 0.51 | | 0.5000 | | 103 | 70 70 | 130 130 | | | |
| | 0.54 | | 0.5000 | | 108 | 70 70 | 130 130 | | | |
| Surr: Toluene-d8 | 0.49 | | 0.5000 | | 98.4 | 70 | 130 | | | |
| Sample ID: 2007e37-022ams SampType: MS4 TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | | | |
| Client ID: AH-24 Surface | Batc | ch ID: 54045 RunNo: 70747 | | | | | | | | |
| Prep Date: 7/29/2020 | Analysis I | Date: 7/ | 31/2020 | SeqNo: 2462221 Units: mg/Kg | | | | | | |
| Analyte | Result | PQL | SPK value | 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: 2007e37-022amsc | l Samp | Туре: МS | SD4 | Tes | tCode: EF | PA Method | 8260B: Volat | iles Short | List | |
| Client ID: AH-24 Surface | Batc | h ID: 54 | 045 | F | RunNo: 70 | 0747 | | | | |
| Prep Date: 7/29/2020 | Analysis I | Date: 7/ | 31/2020 | S | SeqNo: 24 | 462222 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | 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 | |
| rigionioo, rotai | | | | | 101 | 70 | 130 | 0 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 0.48 | | 0.4748 | | 101 | 10 | 100 | 0 | 0 | |
| • | 0.48 0.48 | | 0.4748 0.4748 | | 101 | 70 | 130 | 0 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | | | | | | | | | | |

Qualifiers:

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

| 2007E37 |
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|-----------------------------|---|-----------|-------------|------------------|-----------|---------------|-----------|----------|------|
| Sample ID: mb-54070 | SampType: M | BLK | Test | tCode: EF | PA Method | 8260B: Volati | les Short | List | |
| Client ID: PBS | Batch ID: 54 | 4070 | R | lunNo: 70 | 0769 | | | | |
| Prep Date: 7/30/2020 | Analysis Date: 7 | //31/2020 | S | eqNo: 24 | 462806 | Units: %Rec | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.50 | 0.5000 | | 99.5 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | 0.5000 | | 97.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.54 | 0.5000 | | 107 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.52 | 0.5000 | | 104 | 70 | 130 | | | |
| Sample ID: Ics-54070 | SampType: LCS4 TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
| Client ID: BatchQC | Batch ID: 54 | 4070 | R | lunNo: 7(| 0769 | | | | |
| Prep Date: 7/30/2020 | Analysis Date: 7 | /31/2020 | S | eqNo: 24 | 462807 | Units: %Rec | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.49 | 0.5000 | | 97.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.48 | 0.5000 | | 95.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | 0.5000 | | 104 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.49 | 0.5000 | | 97.3 | 70 | 130 | | | |
| Sample ID: mb1 | SampType: M | BLK | Test | tCode: EF | PA Method | 8260B: Volati | les Short | List | |
| Client ID: PBS | Batch ID: S | 70775 | R | unNo: 70 | 0775 | | | | |
| Prep Date: | Analysis Date: 8 | 8/1/2020 | S | eqNo: 24 | 463032 | Units: %Rec | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.52 | 0.5000 | | 104 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.51 | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.55 | 0.5000 | | 110 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | 0.5000 | | 100 | 70 | 130 | | | |
| Sample ID: 100ng Ics | SampType: L | CS4 | Test | tCode: EF | PA Method | 8260B: Volati | les Short | List | |
| Client ID: BatchQC | Batch ID: S | 70775 | R | unNo: 70 | 0775 | | | | |
| Prep Date: | Analysis Date: 8 | 8/1/2020 | S | eqNo: 24 | 463033 | Units: %Rec | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.51 | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.51 | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.53 | 0.5000 | | 107 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | 0.5000 | | 101 | 70 | 130 | | | |
| | | | | | | | | | |

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

2007E37

05-Aug-20

| Client: Project: | Safety & Envi Devon Cotton | | | | | | | | | |
|-----------------------------------|---|-------------|--------------------|-----------------------------|------------------|-----------|-------------|------------|----------|------|
| Sample ID: mb-54 | 042 5 | SampType: | MBLK | Tes | stCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | |
| Client ID: PBS | | Batch ID: | 54042 | F | RunNo: 7(|)747 | | | | |
| Prep Date: 7/29/ | 2020 Ana | lysis Date: | 7/30/2020 | S | SeqNo: 24 | 462229 | Units: mg/K | g | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organ Surr: BFB | . , | ND 5 480 | 5.0 500.0 | | 96.1 | 70 | 130 | | | |
| Sample ID: Ics-54 | Cample ID: Ics-54042 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | | |
| Client ID: LCSS | | Batch ID: | 54042 | F | RunNo: 7(| 0747 | | | | |
| Prep Date: 7/29/ | 2020 Ana | lysis Date: | 7/30/2020 | S | SeqNo: 24 | 462230 | Units: mg/K | g | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organ Surr: BFB | | 24 5 510 | 5.0 25.00 500.0 | 0 | 96.3 102 | 70 70 | 130 130 | | | |
| Sample ID: mb-54 | 045 | SampType: | MBLK | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | |
| Client ID: PBS | | Batch ID: | 54045 | F | RunNo: 7(| 0747 | | | | |
| Prep Date: 7/29/ | 2020 Ana | lysis Date: | 7/31/2020 | SeqNo: 2462278 Units: mg/Kg | | | | | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organ Surr: BFB | | ND 5 510 | 5.0 500.0 | | 101 | 70 | 130 | | | |
| Sample ID: Ics-54 | 045 | SampType: | LCS | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | |
| Client ID: LCSS | | Batch ID: | 54045 | F | RunNo: 7(|)747 | | | | |
| Prep Date: 7/29/ | 2020 Ana | lysis Date: | 7/31/2020 | S | SeqNo: 24 | 462279 | Units: mg/K | g | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organ | ics (GRO) | 24 5 | 5.0 25.00 | 0 | 97.0 | 70 | 130 | | | |
| Surr: BFB | | 520 | 500.0 | | 105 | 70 | 130 | | | |
| Sample ID: 2007e | 37-023ams | SampType: | MS | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | |
| Client ID: AH-24 | 1ft | Batch ID: | 54045 | F | RunNo: 7(|)747 | | | | |
| Prep Date: 7/29/ | 2020 Ana | lysis Date: | 7/31/2020 | \$ | SeqNo: 24 | 462282 | Units: mg/K | g | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organ | · · · | | .8 24.25 | 0 | 92.0 | 49.2 | 122 | | | |
| Surr: BFB | | 490 | 485.0 | | 101 | 70 | 130 | | | |
| Sample ID: 2007e | 37-023amsd | SampType: | MSD | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline I | Range | |
| Client ID: AH-24 | 1ft | Batch ID: | 54045 | F | RunNo: 7(|)747 | | | | |
| Prep Date: 7/29 | 2020 Ana | lysis Date: | 7/31/2020 | S | SeqNo: 24 | 462283 | Units: mg/K | g | | |
| Analyte | Re | sult PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

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- PQL Practical Quanitative Limit
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- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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05-Aug-20

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

| Project: | 5 | otton Draw | | | | | | | | | |
|---------------|--|-------------|---------------|-----------|-------------|------------------|-----------|--------------|----------|----------|------|
| Sample ID: | 2007e37-023amsd | SampTy | pe: MS | SD | Tes | tCode: EF | PA Method | 8015D Mod: (| Gasoline | Range | |
| Client ID: | AH-24 1ft | Batch I | D: 54 | 045 | F | unNo: 7 0 | 0747 | | | | |
| Prep Date: | 7/29/2020 | Analysis Da | te: 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: | ample ID: mb-54070 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | | | |
| Client ID: | PBS | Batch I | D: 54 | 070 | F | lunNo: 7(| 0769 | | | | |
| Prep Date: | 7/30/2020 | Analysis Da | te: 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: LC | s | Tes | tCode: EF | PA Method | 8015D Mod: (| Gasoline | Range | |
| Client ID: | LCSS | Batch I | D: 54 | 070 | F | unNo: 7(| 0769 | | | | |
| Prep Date: | 7/30/2020 | Analysis Da | te: 7/ | 31/2020 | S | eqNo: 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: ME | BLK | Tes | tCode: EF | PA Method | 8015D Mod: (| Gasoline | Range | |
| Client ID: | PBS | Batch I | D: G7 | 0775 | F | tunNo: 7(| 0775 | | | | |
| Prep Date: | | Analysis Da | te: 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 I | D: G7 | 0775 | F | lunNo: 70 | 0775 | | | | |
| Prep Date: | | Analysis Da | te: 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 | | | |

- * 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

05-Aug-20

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| HALL ENVIRONMENTAL ANALYSIS LABORATORY | TEL: 505-345- | ental Analysis Labot 4901 Hawki Albuquerque, NM (3975 FAX: 505-345 its.hallenvironmenta | ns NE 87109 San -4107 | npie Log-In C | heck List |
|--|---|--|------------------------------------|----------------------------|-------------------|
| Client Name: Safety & Environmental Solutions | Work Order Nun | nber: 2007E37 | | RcptNo | 1 |
| Received By: Cheyenne Cason Completed By: Juan Rojas Reviewed By: | 7/29/2020 9:30:00 7/29/2020 9:55:50 -7/29/202 | | Juan an y | | |
| <u>Chain of Custody</u> 1. Is Chain of Custody complete? 2. How was the sample delivered? | | Yes ⊻ <u>Courier</u> | No 🗌 | Not Present | |
| Log In 3. Was an attempt made to cool the samples | ? | Yes 🖌 | No 🗌 | NA 🗌 | |
| 4. Were all samples received at a temperatur | e of >0° C to 6.0°C | Yes 🖌 | No 🗌 | NA 🗌 | |
| 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) prope | rly preserved? | Yes 🖌 | No 🗔 | | |
| 8. Was preservative added to bottles? | | Yes 🗌 | No 🔽 | NA 🗌 | |
| Received at least 1 vial with headspace <1/ Were any sample containers received brok | | Yes □ Yes □ | No 🗌 No 🗹 🛛 | NA 🗹 | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | | Yes 🗹 | No 🗖 | bottles checked for pH: | >12 unless noted) |
| 12. Are matrices correctly identified on Chain of | Custody? | Yes 🗹 | No 🗖 | Adjusted? | |
| 13. Is it clear what analyses were requested? | | Yes 🗹 | No 🗌 | | |
| Were all holding times able to be met? (If no, notify customer for authorization.) | | Yes 🗹 | No 🗌 | Checked by: S | 14 7.29,20 |
| <u>Special Handling (if applicable)</u> | | | | | |
| 15. Was client notified of all discrepancies with | this order? | Yes | No 🗌 | NA 🗹 | |
| Person Notified: By Whom: Regarding: Client Instructions: | Date Via: | ······································ | hone 🗌 Fax | In Person | |
| 16. Additional remarks: | | | | | |
| 17. <u>Cooler Information</u> <u>Cooler No</u> <u>Temp ⁶C Condition</u> S <u>1</u> 3.9 Good <u>2</u> 2.3 Good <u>3</u> 4.9 Good | eal Intact Seal No | Scal Date | Signed By | | |

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Oil Conservation Division

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

Closure

| <u>Closure Report Attachment Checklist</u> : 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 may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C Printed Name: Dale Woodall | 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 |
| 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 water, human health, or the environment nor does not relieve the responsible or regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
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Page 6

Oil Conservation Division

| | Page 99 of 10 4 |
|----------------|------------------------|
| Incident ID | NAB1626756642 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

| 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) 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 and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and regulations. The responsibile party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Dale Woodall | |
|---|--|
| 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 and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. | |
| 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 and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. | |
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| Printed Name: Dale Woodall Title: Env. Professional Signature: Dale Woodall Date: 11/17/2022 | |
| email: <u>dale.woodall@dvn.com</u> Telephone: <u>575-748-1838</u> | |
| | |
| 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: | |

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Oil Conservation Division

| | Page 100 of 104 |
|----------------|-----------------|
| Incident ID | NOY1701331626 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

| <u>Closure Report Attachment Checklist</u> : Each of the following it | items must be included in the closure report. |
|---|--|
| A scaled site and sampling diagram as described in 19.15.29.1 | 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 | 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 may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. |
| Signature: | 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 water, human health, or the environment nor does not relieve the responsible for regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

Page 6

Oil Conservation Division

| Incident ID | NAB1726355760 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

| <u>Closure Report Attachment Checklist</u> : Each of the following in | 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 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 | 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 may endanger public health or the environment. The acceptance of | nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in |
| Signature: Dale Woodall | |
| | Date: 11/17/2022 Telephone: 575-748-1838 |
| 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: |
| | |

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Oil Conservation Division

| Incident ID | NRM2003439614 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

| <u>Closure Report Attachment Checklist</u> : Each of the following it | 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 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 | 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 may endanger public health or the environment. The acceptance of | nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in |
| Signature: Dale Woodall | |
| Signature: | 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: |
| | |

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Oil Conservation Division

| Incident ID | NRM2008733329 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Closure

| <u>Closure Report Attachment Checklist</u>: Each of the following it | 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 certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the O Printed Name: Dale Woodall | nediate contamination that pose a threat to groundwater, surface water, a C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially nditions 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: |
| | |

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 | 159668 |
| | Action Type: |
| | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|-------------------|
| amaxwell | None | 2/8/2023 |

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Action 159668

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Released to Imaging: 2/8/2023 8:50:54 AM