

| | |
|----------------|---------------|
| Incident ID | NAB1911936996 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules 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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 11/1/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Robert Hamlet Date: 1/19/2023

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: Robert Hamlet Date: 1/19/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

| | |
|----------------|---------------|
| Incident ID | NAB1911936996 |
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- ☐ Description of remediation activities

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Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 11/1/2022

email: dale.woodall@dvn.com 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: _____

**Devon Energy Production Company
Cotton Draw Unit #221H**

**Closure Report
U/L N, Section 1, T25S, R31E
Eddy County, New Mexico
NAB1911936996
NAB1912032237**

July 22, 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 |
|----------------|--------------|--------------|--|
| Tom Bynum | Devon Energy | 580-748-1613 | Tom.Bynum@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 Cotton Draw Unit #221H location concerning two separate incidents in which produced water was released onto the well pad. This site is situated in Eddy County, Section 2, Township 24S, and Range 29E.

SESI personnel performed an assessment of the site in February of 2020 based on generator knowledge of the leak locations. With the amount of overlap of both of these releases, it was determined to approach them as a single release, and remediate the location to the extent possible to satisfy the closure of both incident numbers. SESI personnel mapped the leaks and performed delineations.

Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 1,000 feet of this release. The New Mexico Office of the State Engineer records indicates the average depth to groundwater for the area to be approximately 350' bgs; This is evidenced by C-03830-POD1 drilled in 2015 and C-02245 drilled in 1992. A map of these locations is provided.

Characterization

NAB1912032237

According to the C-141, the release was discovered on 11/20/2018 when abnormally high production volumes by the well flooded the gas scrubber, and the drain separator could not keep up, therefore causing a release of 5.2 bbls of produced water. Two barrels of fluid were recovered via vacuum truck.

NAB1911936996

According to the C-141, a temporary 3 phase separator swamped out and sent a mix of water/oil paraffin to the scrubber. The release was discovered on 1/2/2019, with an estimated volume of release containing 20 bbls of oil, and 17 bbls of produced water. 15 bbls of oil and 10 bbls of produced water were recovered on the location via vacuum truck.

In February, 2020, SESI personnel performed sampling to determine vertical extent of the release. SESI advanced multiple auger holes within the leak area. The samples were properly packaged and preserved and sent to Cardinal Laboratories for analysis. The results of the testing are captured in the summary below:

| Devon Energy CDU #221H Soil Sample Results: Cardinal Environmental Laboratories 2/27/20 | | | | | | | | | |
|---|----------|-------|-------|---------|---------|---------|---------------|---------------|------------|
| SAMPLE ID | Chloride | GRO | DRO | EXT DRO | Benzene | Toluene | Ethyl benzene | Total Xylenes | Total BTEX |
| AH1 @ SURFACE | 20000 | 399 | 17400 | 4130 | <0.050 | 0.062 | <0.050 | 6.9 | 6.96 |
| AH2 @ SURFACE | 23200 | 819 | 18400 | 4100 | <0.050 | 0.483 | 0.970 | 17.2 | 18.6 |
| AH3 @ SURFACE | 9060 | 18.2 | 2140 | 598 | <0.050 | <0.050 | <0.050 | 0.345 | 0.345 |
| AH4 @ SURFACE | 32 | <10.0 | 83.1 | 43.9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 |

| Devon Energy CDU #221H Soil Sample Results: Hall Environmental Laboratories 3/24/20 for Vertical Extent | | | | | | | | |
|---|----------|-----|-----|---------|---------|---------|---------------|---------------|
| SAMPLE ID | Chloride | GRO | DRO | EXT DRO | Benzene | Toluene | Ethyl benzene | Total Xylenes |
| SP-1 BTM @ 1.5' | 140 | ND | ND | ND | ND | ND | ND | ND |
| SP-2 BTM @ 1.5' | 84 | ND | 83 | ND | ND | ND | ND | ND |
| SP-3 W Wall | 110 | ND | ND | ND | ND | ND | ND | ND |
| SP-4 N Wall | 100 | ND | ND | ND | ND | ND | ND | ND |
| SP-5 E Wall | 61 | ND | ND | ND | ND | ND | ND | ND |
| SP-6 BTM @ 1' | 580 | ND | 79 | 81 | ND | ND | ND | ND |
| SP-7 BTM @ 1' | 840 | ND | 69 | 79 | ND | ND | ND | ND |
| SP-8 S Wall | 1200 | ND | 52 | 59 | ND | ND | ND | ND |
| SP-9 SURFACE | 66 | ND | 71 | 55 | 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 1 to 1.5 feet as practicable. Beginning in March of 2020, the contaminated material was excavated and removed. The removed material was sent to an approved NMOCD waste facility for disposal. A sampling event was conducted to ensure vertical extent had been found. The table above indicated there were a handful of areas that required more work. SESI and contractors returned to the site to dig an additional 3" in and around the areas that encompassed the "hot spots" indicated by the sampling in March.

Once the additional excavation had been completed and field testing indicated clean soil, samples were obtained and sent to Hall Environmental Labs for analysis and confirmation that the vertical and horizontal extents had been reached. These additional sampling events that occurred in May of 2020 are displayed in the tables below.

| Devon Energy CDU # 221H Soil Sample Results: Hall Environmental Laboratories 5/15/20 – Vertical Extent | | | | | | | | |
|--|----------|-----|-----|---------|---------|---------|---------------|---------------|
| SAMPLE ID | Chloride | GRO | DRO | EXT DRO | Benzene | Toluene | Ethyl benzene | Total Xylenes |
| AH-10 SURFACE N WALL | 4800 | ND | 270 | 150 | ND | ND | ND | ND |
| AH-10 @ 1' N WALL | 240 | ND | ND | ND | ND | ND | ND | ND |
| AH-11 SUFACE N WALL | 4300 | ND | 370 | 230 | ND | ND | ND | ND |
| AH-11 @1' N WALL | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-12 SURFACE E WALL | 4300 | ND | 490 | 320 | ND | ND | ND | ND |
| AH-12 @ 1' E WALL | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-13 SURFACE S WALL | 310 | ND | ND | ND | ND | ND | ND | ND |
| AH-13 @ 1' S WALL | 240 | ND | ND | ND | ND | ND | ND | ND |
| AH-14 SURFACE S WALL | 290 | ND | ND | ND | ND | ND | ND | ND |
| AH-14 @ 1' S WALL | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-15 SURFACE W WALL | 280 | ND | ND | ND | ND | ND | ND | ND |
| AH-15 @ 1' W WALL | 230 | ND | ND | ND | ND | ND | ND | ND |
| Devon Energy CDU # 221H Soil Sample Results: Hall Environmental Laboratories 5/28/20 – Horizontal Extent | | | | | | | | |
| AH-16 N SURFACE | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-17 S SURFACE | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-18 E SURFACE | ND | ND | ND | ND | ND | ND | ND | ND |
| AH-19 W SURFACE | 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.

Closure Request

Based on the confirmation and horizontal sample results, SESI believes the release areas 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 **NAB1911936996** and **NAB1912032237**. 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
 Laboratory Analysis
 C-141, pages 3-6

Devon Energy

CDU 221H
UL N - Sec 1 - T25S - R31E
NAB1911936996
NAB1912032237

Legend

- Sampling - 3/24/20
- Horiz Extent - 5/28/20
- Initial Sampling - 2/27/20
- Spill Area
- Vert Extent - 5/15/20

AH16 N @ Surface
SP4 N Wall
SP3 W Wall
SP2 BTM @ 1.5'
AH19 W @ Surface
AH18 E @ Surface
SP9 BTM @ Surface
SP7 BTM @ 1'
SP8 S Wall
AH13 S Wall @ 1'
SP5 E Wall
AH14 S Wall @ 1'
AH17 S @ Surface



Devon Energy

CDU 221H
UL N - Sec 1 - T25S - R31E
NAB1911936996
NAB1912032237

Legend

- Sampling - 3/24/20
- Horiz Extent - 5/28/20
- Initial Sampling - 2/27/20
- Spill Area
- Vert Extent - 5/15/20





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National Water Information System: Web Interface

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Data Category:
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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320932103443801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320932103443801 25S.31E.02.23441

Eddy County, New Mexico
Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83
Land-surface elevation 3,460.00 feet above NGVD29
The depth of the well is 1,016 feet below land surface.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Water-level accuracy | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement |
|------------|------|-------------------------------------|--------------------------------------|---|---------------------------|---------------------------|-------------|----------------------------|-----------------------|----------------------------|
| 1966-08-18 | | D | 400.00 | | | 2 | | | U | |
| 1976-01-28 | | D | 390.27 | | | 2 | | | U | |

Explanation

| Section | Code | Description |
|--------------------------------|------|--|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level accuracy | 2 | Water level accuracy to nearest hundredth of a foot |
| Status | | The reported water-level measurement represents a static level |
| Method of measurement | U | Unknown method. |
| Measuring agency | | Not determined |
| Source of measurement | U | Source is unknown. |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for New Mexico: Water Levels

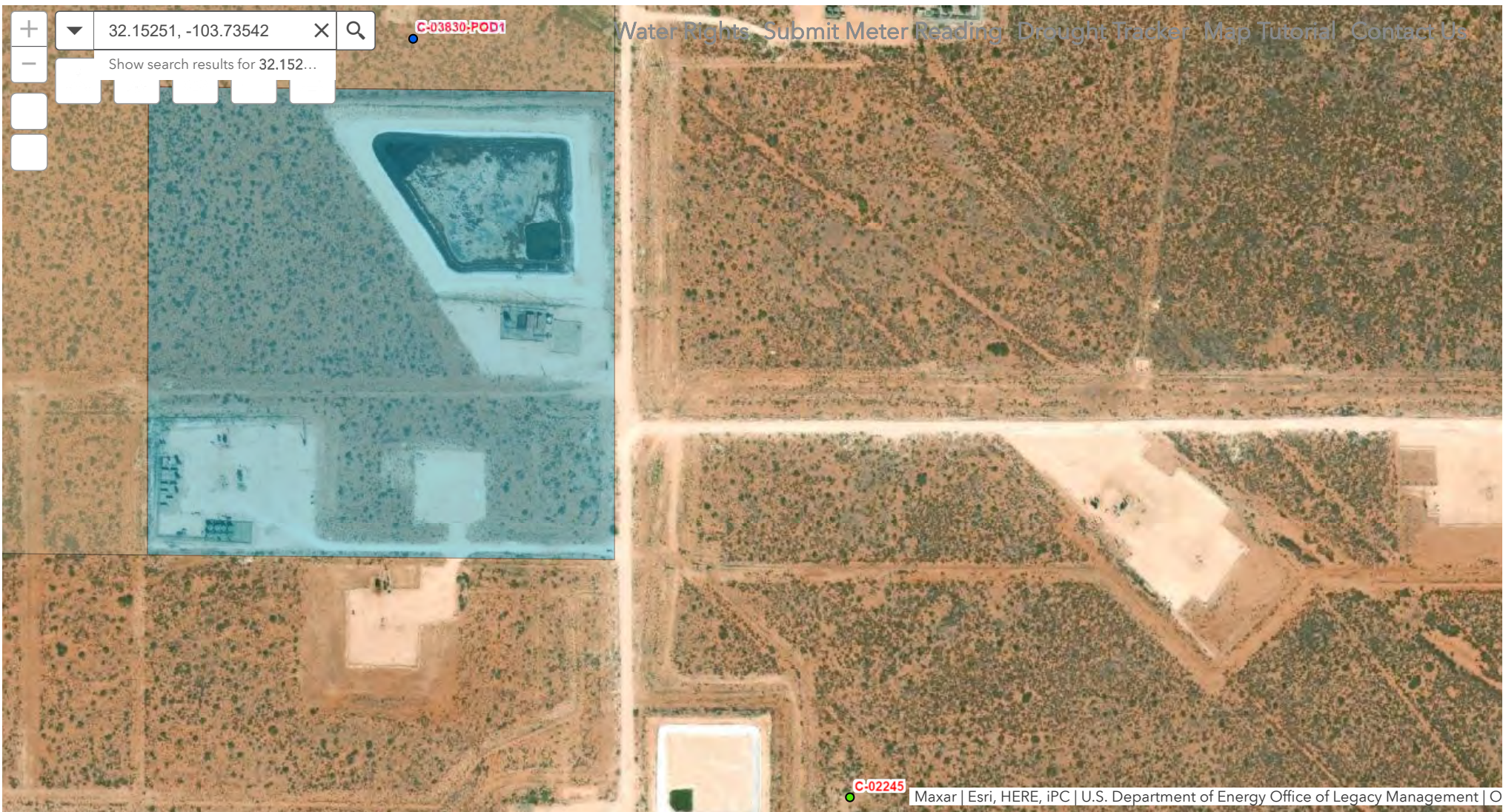
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2020-03-09 15:11:52 EDT

0.23 0.21 nadww02



300ft

-103.731 32.156 Degrees

Released to Imaging: 1/19/2023 2:40:59 PM

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 04, 2020

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: CDU 221H

Enclosed are the results of analyses for samples received by the laboratory on 02/28/20 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-19-12. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 02/28/2020
 Reported: 03/04/2020
 Project Name: CDU 221H
 Project Number: DEV - 20 - 019
 Project Location: LEA COUNTY

Sampling Date: 02/27/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH #1 SURFACE (H000647-01)

| BTX 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|-----------------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/03/2020 | ND | 1.98 | 99.2 | 2.00 | 0.163 | |
| Toluene* | 0.062 | 0.050 | 03/03/2020 | ND | 2.00 | 99.8 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/03/2020 | ND | 2.00 | 100 | 2.00 | 0.666 | |
| Total Xylenes* | 6.90 | 0.150 | 03/03/2020 | ND | 5.86 | 97.7 | 6.00 | 0.618 | |
| Total BTX | 6.96 | 0.300 | 03/03/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 171 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|--------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 20000 | 16.0 | 03/02/2020 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | S-06 | |
|----------------------------|--------------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 399 | 100 | 03/03/2020 | ND | 187 | 93.5 | 200 | 0.778 | |
| DRO >C10-C28* | 17400 | 100 | 03/03/2020 | ND | 182 | 90.9 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 4130 | 100 | 03/03/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 213 % 44.3-144

Surrogate: 1-Chlorooctadecane 722 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 02/28/2020
 Reported: 03/04/2020
 Project Name: CDU 221H
 Project Number: DEV - 20 - 019
 Project Location: LEA COUNTY

Sampling Date: 02/27/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH #2 SURFACE (H000647-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/03/2020 | ND | 1.98 | 99.2 | 2.00 | 0.163 | |
| Toluene* | 0.483 | 0.050 | 03/03/2020 | ND | 2.00 | 99.8 | 2.00 | 0.270 | |
| Ethylbenzene* | 0.970 | 0.050 | 03/03/2020 | ND | 2.00 | 100 | 2.00 | 0.666 | |
| Total Xylenes* | 17.2 | 0.150 | 03/03/2020 | ND | 5.86 | 97.7 | 6.00 | 0.618 | |
| Total BTEx | 18.6 | 0.300 | 03/03/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 134 % 73.3-129

| Chloride, SM4500CI-B | | | mg/kg | | | | | Analyzed By: AC | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 23200 | 16.0 | 03/02/2020 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 819 | 100 | 03/03/2020 | ND | 187 | 93.5 | 200 | 0.778 | |
| DRO >C10-C28* | 18400 | 100 | 03/03/2020 | ND | 182 | 90.9 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 4100 | 100 | 03/03/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 275 % 44.3-144

Surrogate: 1-Chlorooctadecane 744 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 02/28/2020
 Reported: 03/04/2020
 Project Name: CDU 221H
 Project Number: DEV - 20 - 019
 Project Location: LEA COUNTY

Sampling Date: 02/27/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH #3 SURFACE (H000647-03)

| BTEx 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|-----------------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/02/2020 | ND | 1.98 | 99.2 | 2.00 | 0.163 | |
| Toluene* | <0.050 | 0.050 | 03/02/2020 | ND | 2.00 | 99.8 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/02/2020 | ND | 2.00 | 100 | 2.00 | 0.666 | |
| Total Xylenes* | 0.345 | 0.150 | 03/02/2020 | ND | 5.86 | 97.7 | 6.00 | 0.618 | |
| Total BTEX | 0.345 | 0.300 | 03/02/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.3-129

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 9060 | 16.0 | 03/02/2020 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|----------------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 18.2 | 10.0 | 03/02/2020 | ND | 187 | 93.5 | 200 | 0.778 | |
| DRO >C10-C28* | 2140 | 10.0 | 03/02/2020 | ND | 182 | 90.9 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 598 | 10.0 | 03/02/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 157 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
 Bob Allen
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received: 02/28/2020
 Reported: 03/04/2020
 Project Name: CDU 221H
 Project Number: DEV - 20 - 019
 Project Location: LEA COUNTY

Sampling Date: 02/27/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH #4 SURFACE (H000647-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 03/02/2020 | ND | 1.98 | 99.2 | 2.00 | 0.163 | |
| Toluene* | <0.050 | 0.050 | 03/02/2020 | ND | 2.00 | 99.8 | 2.00 | 0.270 | |
| Ethylbenzene* | <0.050 | 0.050 | 03/02/2020 | ND | 2.00 | 100 | 2.00 | 0.666 | |
| Total Xylenes* | <0.150 | 0.150 | 03/02/2020 | ND | 5.86 | 97.7 | 6.00 | 0.618 | |
| Total BTX | <0.300 | 0.300 | 03/02/2020 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 03/02/2020 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 03/02/2020 | ND | 187 | 93.5 | 200 | 0.778 | |
| DRO >C10-C28* | 83.1 | 10.0 | 03/02/2020 | ND | 182 | 90.9 | 200 | 1.46 | |
| EXT DRO >C28-C36 | 43.9 | 10.0 | 03/02/2020 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Notes and Definitions

| | |
|------|--|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

| | | | | | |
|---|--|-------------------|--|------------------|--|
| Company Name: Safety and Environmental Solutions | | P.O. #: | | ANALYSIS REQUEST | |
| Project Manager: Bob Allen | | Company: Same | | | |
| Address: 703 East Clinton, PO Box 1613 | | Attn: | | | |
| City: Hobbs | | Address: | | | |
| State: NM Zip: 88240 | | City: | | | |
| Phone #: 575 397-0510 Fax #: 575 393-4388 | | State: | | | |
| Project #: 24V-20-019 Project Owner: | | Zip: | | | |
| Project Name: CDE 221H | | Phone #: | | | |
| Project Location: | | Fax #: | | | |
| Sampler Name: Bob Allen | | FOR LAB USE ONLY | | | |
| Lab I.D. Sample I.D. | | MATRIX | | | |
| <div style="border: 1px solid black; padding: 5px;"> <p>1 AH #1 Surface</p> <p>2 AH #2 Surface</p> <p>3 AH #3 Surface</p> <p>4 AH #4 Surface</p> </div> | | (G)RAB OR (C)OMP. | | | |
| | | # CONTAINERS | | | |
| | | GROUNDWATER | | | |
| | | WASTEWATER | | | |
| | | SOIL | | | |
| | | OIL | | | |
| | | SLUDGE | | | |
| | | OTHER : | | | |
| | | ACID/BASE: | | | |
| | | ICE / COOL | | | |
| | | OTHER : | | | |
| | | DATE | | | |
| | | TIME | | | |
| | | BTEX | | | |
| | | 8015 Extended | | | |
| | | @ 10/01/01 | | | |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | | | | | | | |
|---|--|--|--|--|--|---------------|--|
| Relinquished By: [Signature] | | Date: 2-28-20 | | Received By: [Signature] | | Date: 2-28-20 | |
| Relinquished By: [Signature] | | Time: 1:00 PM | | Received By: [Signature] | | Time: 1:00 PM | |
| Delivered By: (Circle One) | | Sample Condition | | CHECKED BY: (Initials) | | | |
| Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> | | | |
| Sampler - UPS - Bus - Other: #113 4.3c | | | | | | | |
| REMARKS: | | | | | | | |



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

May 26, 2020

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

RE: Devon Cotton Draw 221H

OrderNo.: 2005796

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 12 sample(s) on 5/19/2020 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,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-10 Surface North Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 9:30:00 AM

Lab ID: 2005796-001

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 4800 | 150 | | mg/Kg | 50 | 5/23/2020 11:29:56 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Surr: BFB | 95.7 | 70-130 | | %Rec | 1 | 5/20/2020 11:42:33 PM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 270 | 9.5 | | mg/Kg | 1 | 5/22/2020 4:56:57 AM | 52589 |
| Motor Oil Range Organics (MRO) | 150 | 47 | | mg/Kg | 1 | 5/22/2020 4:56:57 AM | 52589 |
| Surr: DNOP | 70.6 | 55.1-146 | | %Rec | 1 | 5/22/2020 4:56:57 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 85.4 | 70-130 | | %Rec | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Surr: 4-Bromofluorobenzene | 88.1 | 70-130 | | %Rec | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Surr: Dibromofluoromethane | 105 | 70-130 | | %Rec | 1 | 5/20/2020 11:42:33 PM | 52570 |
| Surr: Toluene-d8 | 97.1 | 70-130 | | %Rec | 1 | 5/20/2020 11:42:33 PM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Page 1 of 16

Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-10 1 ft North Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 9:40:00 AM

Lab ID: 2005796-002

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 240 | 59 | | mg/Kg | 20 | 5/23/2020 1:46:39 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Surr: BFB | 95.7 | 70-130 | | %Rec | 1 | 5/21/2020 2:35:28 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.0 | | mg/Kg | 1 | 5/22/2020 5:20:50 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg | 1 | 5/22/2020 5:20:50 AM | 52589 |
| Surr: DNOP | 107 | 55.1-146 | | %Rec | 1 | 5/22/2020 5:20:50 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 85.6 | 70-130 | | %Rec | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.9 | 70-130 | | %Rec | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Surr: Dibromofluoromethane | 104 | 70-130 | | %Rec | 1 | 5/21/2020 2:35:28 AM | 52570 |
| Surr: Toluene-d8 | 93.9 | 70-130 | | %Rec | 1 | 5/21/2020 2:35:28 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |
| | | | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-11 Surface North Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 9:50:00 AM

Lab ID: 2005796-003

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 4300 | 150 | | mg/Kg | 50 | 5/23/2020 11:42:20 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Surr: BFB | 94.6 | 70-130 | | %Rec | 1 | 5/21/2020 3:04:23 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 370 | 9.3 | | mg/Kg | 1 | 5/22/2020 5:44:52 AM | 52589 |
| Motor Oil Range Organics (MRO) | 230 | 46 | | mg/Kg | 1 | 5/22/2020 5:44:52 AM | 52589 |
| Surr: DNOP | 82.6 | 55.1-146 | | %Rec | 1 | 5/22/2020 5:44:52 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 86.5 | 70-130 | | %Rec | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 85.0 | 70-130 | | %Rec | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/21/2020 3:04:23 AM | 52570 |
| Surr: Toluene-d8 | 94.4 | 70-130 | | %Rec | 1 | 5/21/2020 3:04:23 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |
| | | | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-11 1 ft North Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 10:00:00 AM

Lab ID: 2005796-004

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 60 | | mg/Kg | 20 | 5/23/2020 2:11:28 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Surr: BFB | 94.4 | 70-130 | | %Rec | 1 | 5/21/2020 3:33:11 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 5/22/2020 6:08:48 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 5/22/2020 6:08:48 AM | 52589 |
| Surr: DNOP | 101 | 55.1-146 | | %Rec | 1 | 5/22/2020 6:08:48 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 85.8 | 70-130 | | %Rec | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.5 | 70-130 | | %Rec | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Surr: Dibromofluoromethane | 105 | 70-130 | | %Rec | 1 | 5/21/2020 3:33:11 AM | 52570 |
| Surr: Toluene-d8 | 95.5 | 70-130 | | %Rec | 1 | 5/21/2020 3:33:11 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |
| | | | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-12 Surface East Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 10:10:00 AM

Lab ID: 2005796-005

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 4300 | 150 | | mg/Kg | 50 | 5/23/2020 11:54:45 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Surr: BFB | 96.3 | 70-130 | | %Rec | 1 | 5/21/2020 4:01:58 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 490 | 10 | | mg/Kg | 1 | 5/22/2020 6:32:58 AM | 52589 |
| Motor Oil Range Organics (MRO) | 320 | 50 | | mg/Kg | 1 | 5/22/2020 6:32:58 AM | 52589 |
| Surr: DNOP | 100 | 55.1-146 | | %Rec | 1 | 5/22/2020 6:32:58 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 84.9 | 70-130 | | %Rec | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 87.3 | 70-130 | | %Rec | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Surr: Dibromofluoromethane | 104 | 70-130 | | %Rec | 1 | 5/21/2020 4:01:58 AM | 52570 |
| Surr: Toluene-d8 | 95.4 | 70-130 | | %Rec | 1 | 5/21/2020 4:01:58 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-12 1ft East Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 10:20:00 AM

Lab ID: 2005796-006

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 59 | | mg/Kg | 20 | 5/23/2020 2:36:18 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Surr: BFB | 97.3 | 70-130 | | %Rec | 1 | 5/21/2020 4:30:32 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 5/22/2020 6:56:55 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 5/22/2020 6:56:55 AM | 52589 |
| Surr: DNOP | 92.5 | 55.1-146 | | %Rec | 1 | 5/22/2020 6:56:55 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 88.1 | 70-130 | | %Rec | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 91.7 | 70-130 | | %Rec | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Surr: Dibromofluoromethane | 102 | 70-130 | | %Rec | 1 | 5/21/2020 4:30:32 AM | 52570 |
| Surr: Toluene-d8 | 94.4 | 70-130 | | %Rec | 1 | 5/21/2020 4:30:32 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-13 Surface South Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 10:40:00 AM

Lab ID: 2005796-007

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 310 | 60 | | mg/Kg | 20 | 5/23/2020 2:48:43 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Surr: BFB | 94.1 | 70-130 | | %Rec | 1 | 5/21/2020 4:59:06 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 5/22/2020 7:21:00 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 5/22/2020 7:21:00 AM | 52589 |
| Surr: DNOP | 66.7 | 55.1-146 | | %Rec | 1 | 5/22/2020 7:21:00 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 84.2 | 70-130 | | %Rec | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 88.7 | 70-130 | | %Rec | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Surr: Dibromofluoromethane | 101 | 70-130 | | %Rec | 1 | 5/21/2020 4:59:06 AM | 52570 |
| Surr: Toluene-d8 | 93.5 | 70-130 | | %Rec | 1 | 5/21/2020 4:59:06 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-13 1 ft South Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 10:50:00 AM

Lab ID: 2005796-008

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 240 | 60 | | mg/Kg | 20 | 5/23/2020 3:01:07 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Surr: BFB | 96.9 | 70-130 | | %Rec | 1 | 5/21/2020 5:27:46 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.0 | | mg/Kg | 1 | 5/22/2020 7:44:54 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg | 1 | 5/22/2020 7:44:54 AM | 52589 |
| Surr: DNOP | 106 | 55.1-146 | | %Rec | 1 | 5/22/2020 7:44:54 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 85.4 | 70-130 | | %Rec | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 91.7 | 70-130 | | %Rec | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Surr: Dibromofluoromethane | 104 | 70-130 | | %Rec | 1 | 5/21/2020 5:27:46 AM | 52570 |
| Surr: Toluene-d8 | 96.2 | 70-130 | | %Rec | 1 | 5/21/2020 5:27:46 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-14 Surface South Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 11:00:00 AM

Lab ID: 2005796-009

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 290 | 60 | | mg/Kg | 20 | 5/23/2020 3:38:21 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Surr: BFB | 94.5 | 70-130 | | %Rec | 1 | 5/21/2020 5:56:20 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 5/22/2020 8:08:56 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 5/22/2020 8:08:56 AM | 52589 |
| Surr: DNOP | 71.6 | 55.1-146 | | %Rec | 1 | 5/22/2020 8:08:56 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 84.9 | 70-130 | | %Rec | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.0 | 70-130 | | %Rec | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Surr: Dibromofluoromethane | 102 | 70-130 | | %Rec | 1 | 5/21/2020 5:56:20 AM | 52570 |
| Surr: Toluene-d8 | 92.0 | 70-130 | | %Rec | 1 | 5/21/2020 5:56:20 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-14 1 ft South Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 11:10:00 AM

Lab ID: 2005796-010

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 60 | | mg/Kg | 20 | 5/23/2020 3:50:45 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Surr: BFB | 94.3 | 70-130 | | %Rec | 1 | 5/21/2020 6:24:46 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg | 1 | 5/22/2020 8:32:51 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 5/22/2020 8:32:51 AM | 52589 |
| Surr: DNOP | 95.3 | 55.1-146 | | %Rec | 1 | 5/22/2020 8:32:51 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 86.3 | 70-130 | | %Rec | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.5 | 70-130 | | %Rec | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Surr: Dibromofluoromethane | 102 | 70-130 | | %Rec | 1 | 5/21/2020 6:24:46 AM | 52570 |
| Surr: Toluene-d8 | 93.9 | 70-130 | | %Rec | 1 | 5/21/2020 6:24:46 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-15 Surface West Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 11:20:00 AM

Lab ID: 2005796-011

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 280 | 60 | | mg/Kg | 20 | 5/23/2020 4:03:09 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Surr: BFB | 98.0 | 70-130 | | %Rec | 1 | 5/21/2020 6:53:24 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg | 1 | 5/22/2020 8:56:57 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 5/22/2020 8:56:57 AM | 52589 |
| Surr: DNOP | 50.8 | 55.1-146 | S | %Rec | 1 | 5/22/2020 8:56:57 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 88.7 | 70-130 | | %Rec | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.9 | 70-130 | | %Rec | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Surr: Dibromofluoromethane | 105 | 70-130 | | %Rec | 1 | 5/21/2020 6:53:24 AM | 52570 |
| Surr: Toluene-d8 | 95.9 | 70-130 | | %Rec | 1 | 5/21/2020 6:53:24 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |
| | | | | |

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Analytical Report

Lab Order 2005796

Date Reported: 5/26/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-15 1 ft West Wall

Project: Devon Cotton Draw 221H

Collection Date: 5/15/2020 11:35:00 AM

Lab ID: 2005796-012

Matrix: SOIL

Received Date: 5/19/2020 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 230 | 60 | | mg/Kg | 20 | 5/23/2020 4:15:33 PM | 52665 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Surr: BFB | 95.3 | 70-130 | | %Rec | 1 | 5/21/2020 7:22:05 AM | 52570 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg | 1 | 5/22/2020 9:21:00 AM | 52589 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 5/22/2020 9:21:00 AM | 52589 |
| Surr: DNOP | 89.0 | 55.1-146 | | %Rec | 1 | 5/22/2020 9:21:00 AM | 52589 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Surr: 1,2-Dichloroethane-d4 | 85.3 | 70-130 | | %Rec | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Surr: 4-Bromofluorobenzene | 90.7 | 70-130 | | %Rec | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Surr: Dibromofluoromethane | 99.8 | 70-130 | | %Rec | 1 | 5/21/2020 7:22:05 AM | 52570 |
| Surr: Toluene-d8 | 94.2 | 70-130 | | %Rec | 1 | 5/21/2020 7:22:05 AM | 52570 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2005796

26-May-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221H

| | | |
|-----------------------------|---------------------------------|--|
| Sample ID: MB-52665 | SampType: mblk | TestCode: EPA Method 300.0: Anions |
| Client ID: PBS | Batch ID: 52665 | RunNo: 69127 |
| Prep Date: 5/23/2020 | Analysis Date: 5/23/2020 | SeqNo: 2395485 Units: mg/Kg |
| Analyte | Result | PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | ND | 1.5 |

| | | |
|-----------------------------|---------------------------------|--|
| Sample ID: LCS-52665 | SampType: lcs | TestCode: EPA Method 300.0: Anions |
| Client ID: LCSS | Batch ID: 52665 | RunNo: 69127 |
| Prep Date: 5/23/2020 | Analysis Date: 5/23/2020 | SeqNo: 2395486 Units: mg/Kg |
| Analyte | Result | PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | 14 | 1.5 15.00 0 93.1 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 Quantitative 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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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2005796

26-May-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221H

| Sample ID: LCS-52589 | SampType: LCS | | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
|-----------------------------|---------------------------------|-----|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 52589 | | | RunNo: 69011 | | | | | | |
| Prep Date: 5/20/2020 | Analysis Date: 5/22/2020 | | | SeqNo: 2392465 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 57 | 10 | 50.00 | 0 | 114 | 70 | 130 | | | |
| Surr: DNOP | 5.2 | | 5.000 | | 104 | 55.1 | 146 | | | |

| Sample ID: MB-52589 | SampType: MBLK | | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | |
|--------------------------------|---------------------------------|-----|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 52589 | | | RunNo: 69011 | | | | | | |
| Prep Date: 5/20/2020 | Analysis Date: 5/22/2020 | | | SeqNo: 2392471 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 122 | 55.1 | 146 | | | |

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

WO#: 2005796

26-May-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221H

| Sample ID: mb-52570 | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 52570 | RunNo: 69064 | | | | | | | | |
| Prep Date: 5/19/2020 | Analysis Date: 5/20/2020 | SeqNo: 2391817 | Units: mg/Kg | | | | | | | |
| 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 | 0.44 | | 0.5000 | | 88.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.46 | | 0.5000 | | 92.4 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.51 | | 0.5000 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.48 | | 0.5000 | | 95.1 | 70 | 130 | | | |

| Sample ID: lcs-52570 | SampType: LCS4 | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 52570 | RunNo: 69064 | | | | | | | | |
| Prep Date: 5/19/2020 | Analysis Date: 5/20/2020 | SeqNo: 2391818 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.025 | 1.000 | 0 | 107 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 107 | 80 | 120 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.44 | | 0.5000 | | 87.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.46 | | 0.5000 | | 92.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | | 0.5000 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.47 | | 0.5000 | | 93.4 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative 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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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2005796

26-May-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221H

| Sample ID: mb-52570 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 52570 | RunNo: 69064 | | | | | | | | |
| Prep Date: 5/19/2020 | Analysis Date: 5/20/2020 | SeqNo: 2391843 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 480 | | 500.0 | | 96.1 | 70 | 130 | | | |

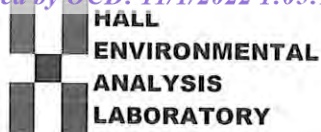
| Sample ID: lcs-52570 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 52570 | RunNo: 69064 | | | | | | | | |
| Prep Date: 5/19/2020 | Analysis Date: 5/20/2020 | SeqNo: 2391844 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20 | 5.0 | 25.00 | 0 | 80.8 | 70 | 130 | | | |
| Surr: BFB | 480 | | 500.0 | | 96.2 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative 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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Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety Env Solutions

Work Order Number: 2005796

RcptNo: 1

Received By: Isaiah Ortiz

5/19/2020 9:30:00 AM

I-OK

Completed By: Isaiah Ortiz

5/19/2020 9:57:04 AM

I-OK

Reviewed By: LB

5/19/20

Chain of Custody1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐

2. How was the sample delivered? Courier

Log In3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ 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) properly preserved? Yes ☒ No ☐8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒10. Were any sample containers received broken? Yes ☐ No ☒11. Does paperwork match bottle labels? Yes ☒ No ☐

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐13. Is it clear what analyses were requested? Yes ☒ No ☐14. Were all holding times able to be met? Yes ☒ No ☐

(If no, notify customer for authorization.)

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted? _____

Checked by: em 5/19/20

Special Handling (if applicable)15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.0 | Good | Not Present | | | |



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

March 31, 2020

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

RE: Cotton Draw 221 Devon

OrderNo.: 2003B53

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 9 sample(s) on 3/25/2020 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-1 Bottom 1.5'

Project: Cotton Draw 221 Devon

Collection Date: 3/23/2020 2:15:00 PM

Lab ID: 2003B53-001

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 140 | 59 | | mg/Kg | 20 | 3/29/2020 7:43:59 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Surr: BFB | 98.8 | 70-130 | | %Rec | 1 | 3/29/2020 11:24:16 PM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 3/27/2020 9:47:40 AM | 51355 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/27/2020 9:47:40 AM | 51355 |
| Surr: DNOP | 101 | 55.1-146 | | %Rec | 1 | 3/27/2020 9:47:40 AM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 82.1 | 70-130 | | %Rec | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Surr: Dibromofluoromethane | 101 | 70-130 | | %Rec | 1 | 3/29/2020 11:24:16 PM | 51354 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 1 | 3/29/2020 11:24:16 PM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-2 BottoM 1.5'

Project: Cotton Draw 221 Devon

Collection Date: 3/23/2020 2:35:00 PM

Lab ID: 2003B53-002

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 84 | 60 | | mg/Kg | 20 | 3/29/2020 8:21:13 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Surr: BFB | 95.5 | 70-130 | | %Rec | 1 | 3/30/2020 12:50:21 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | 83 | 9.4 | | mg/Kg | 1 | 3/27/2020 10:59:42 AM | 51355 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 3/27/2020 10:59:42 AM | 51355 |
| Surr: DNOP | 94.8 | 55.1-146 | | %Rec | 1 | 3/27/2020 10:59:42 AM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 80.3 | 70-130 | | %Rec | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 93.6 | 70-130 | | %Rec | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Surr: Dibromofluoromethane | 100 | 70-130 | | %Rec | 1 | 3/30/2020 12:50:21 AM | 51354 |
| Surr: Toluene-d8 | 102 | 70-130 | | %Rec | 1 | 3/30/2020 12:50:21 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-3 West Wall

Project: Cotton Draw 221 Devon

Collection Date: 3/23/2020 2:55:00 PM

Lab ID: 2003B53-003

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 110 | 59 | | mg/Kg | 20 | 3/29/2020 8:33:38 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Surr: BFB | 98.9 | 70-130 | | %Rec | 1 | 3/30/2020 2:16:29 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg | 1 | 3/27/2020 11:23:36 AM | 51355 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/27/2020 11:23:36 AM | 51355 |
| Surr: DNOP | 101 | 55.1-146 | | %Rec | 1 | 3/27/2020 11:23:36 AM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 70.7 | 70-130 | | %Rec | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 97.4 | 70-130 | | %Rec | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 3/30/2020 2:16:29 AM | 51354 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 1 | 3/30/2020 2:16:29 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-4 North Wall

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 8:40:00 AM

Lab ID: 2003B53-004

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 100 | 60 | | mg/Kg | 20 | 3/29/2020 8:46:03 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Surr: BFB | 100 | 70-130 | | %Rec | 1 | 3/30/2020 2:45:10 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.2 | | mg/Kg | 1 | 3/27/2020 11:47:33 AM | 51355 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 3/27/2020 11:47:33 AM | 51355 |
| Surr: DNOP | 100 | 55.1-146 | | %Rec | 1 | 3/27/2020 11:47:33 AM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 76.5 | 70-130 | | %Rec | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 95.2 | 70-130 | | %Rec | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Surr: Dibromofluoromethane | 99.3 | 70-130 | | %Rec | 1 | 3/30/2020 2:45:10 AM | 51354 |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 1 | 3/30/2020 2:45:10 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-5 East Wall

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 8:45:00 AM

Lab ID: 2003B53-005

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 61 | 59 | | mg/Kg | 20 | 3/29/2020 8:58:27 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Surr: BFB | 94.1 | 70-130 | | %Rec | 1 | 3/30/2020 3:13:50 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg | 1 | 3/27/2020 12:11:31 PM | 51355 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 3/27/2020 12:11:31 PM | 51355 |
| Surr: DNOP | 98.6 | 55.1-146 | | %Rec | 1 | 3/27/2020 12:11:31 PM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 78.1 | 70-130 | | %Rec | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 96.2 | 70-130 | | %Rec | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 3/30/2020 3:13:50 AM | 51354 |
| Surr: Toluene-d8 | 101 | 70-130 | | %Rec | 1 | 3/30/2020 3:13:50 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-6 Bottom 1'

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 8:55:00 AM

Lab ID: 2003B53-006

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 580 | 60 | | mg/Kg | 20 | 3/29/2020 9:35:40 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Surr: BFB | 94.9 | 70-130 | | %Rec | 1 | 3/30/2020 3:42:28 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | 79 | 9.9 | | mg/Kg | 1 | 3/27/2020 12:35:32 PM | 51355 |
| Motor Oil Range Organics (MRO) | 81 | 50 | | mg/Kg | 1 | 3/27/2020 12:35:32 PM | 51355 |
| Surr: DNOP | 91.1 | 55.1-146 | | %Rec | 1 | 3/27/2020 12:35:32 PM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 76.8 | 70-130 | | %Rec | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 95.1 | 70-130 | | %Rec | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Surr: Dibromofluoromethane | 97.0 | 70-130 | | %Rec | 1 | 3/30/2020 3:42:28 AM | 51354 |
| Surr: Toluene-d8 | 104 | 70-130 | | %Rec | 1 | 3/30/2020 3:42:28 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-7 Bottom 1'

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 9:10:00 AM

Lab ID: 2003B53-007

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 840 | 60 | | mg/Kg | 20 | 3/29/2020 9:48:04 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Surr: BFB | 94.9 | 70-130 | | %Rec | 1 | 3/30/2020 4:11:06 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | 69 | 9.6 | | mg/Kg | 1 | 3/27/2020 12:59:33 PM | 51355 |
| Motor Oil Range Organics (MRO) | 79 | 48 | | mg/Kg | 1 | 3/27/2020 12:59:33 PM | 51355 |
| Surr: DNOP | 96.0 | 55.1-146 | | %Rec | 1 | 3/27/2020 12:59:33 PM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 79.9 | 70-130 | | %Rec | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 94.7 | 70-130 | | %Rec | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Surr: Dibromofluoromethane | 96.6 | 70-130 | | %Rec | 1 | 3/30/2020 4:11:06 AM | 51354 |
| Surr: Toluene-d8 | 99.5 | 70-130 | | %Rec | 1 | 3/30/2020 4:11:06 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-8 South Wall

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 9:30:00 AM

Lab ID: 2003B53-008

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 1200 | 60 | | mg/Kg | 20 | 3/29/2020 10:00:29 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Surr: BFB | 101 | 70-130 | | %Rec | 1 | 3/30/2020 4:39:42 AM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | 52 | 9.9 | | mg/Kg | 1 | 3/27/2020 1:23:38 PM | 51355 |
| Motor Oil Range Organics (MRO) | 59 | 49 | | mg/Kg | 1 | 3/27/2020 1:23:38 PM | 51355 |
| Surr: DNOP | 97.1 | 55.1-146 | | %Rec | 1 | 3/27/2020 1:23:38 PM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 70.2 | 70-130 | | %Rec | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 3/30/2020 4:39:42 AM | 51354 |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 1 | 3/30/2020 4:39:42 AM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2003B53

Date Reported: 3/31/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety Environmental Services

Client Sample ID: SP-9 Surface

Project: Cotton Draw 221 Devon

Collection Date: 3/24/2020 10:00:00 AM

Lab ID: 2003B53-009

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 66 | 60 | | mg/Kg | 20 | 3/29/2020 10:12:54 PM | 51389 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Surr: BFB | 92.8 | 70-130 | | %Rec | 1 | 3/30/2020 12:45:17 PM | 51354 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: CLP |
| Diesel Range Organics (DRO) | 71 | 9.6 | | mg/Kg | 1 | 3/27/2020 1:47:43 PM | 51355 |
| Motor Oil Range Organics (MRO) | 55 | 48 | | mg/Kg | 1 | 3/27/2020 1:47:43 PM | 51355 |
| Surr: DNOP | 98.2 | 55.1-146 | | %Rec | 1 | 3/27/2020 1:47:43 PM | 51355 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Surr: 1,2-Dichloroethane-d4 | 88.3 | 70-130 | | %Rec | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Surr: 4-Bromofluorobenzene | 98.5 | 70-130 | | %Rec | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Surr: Dibromofluoromethane | 90.9 | 70-130 | | %Rec | 1 | 3/30/2020 12:45:17 PM | 51354 |
| Surr: Toluene-d8 | 109 | 70-130 | | %Rec | 1 | 3/30/2020 12:45:17 PM | 51354 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003B53
31-Mar-20

Client: Safety Environmental Services
Project: Cotton Draw 221 Devon

| | | | | | | | | | | |
|----------------------|--------|--------------------------|-----------|------------------------------------|------|--------------|-----------|------|----------|------|
| Sample ID: MB-51389 | | SampType: mblk | | TestCode: EPA Method 300.0: Anions | | | | | | |
| Client ID: PBS | | Batch ID: 51389 | | RunNo: 67692 | | | | | | |
| Prep Date: 3/29/2020 | | Analysis Date: 3/29/2020 | | SeqNo: 2337033 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|----------------------|--------|--------------------------|-----------|------------------------------------|------|--------------|-----------|------|----------|------|
| Sample ID: LCS-51389 | | SampType: lcs | | TestCode: EPA Method 300.0: Anions | | | | | | |
| Client ID: LCSS | | Batch ID: 51389 | | RunNo: 67692 | | | | | | |
| Prep Date: 3/29/2020 | | Analysis Date: 3/29/2020 | | SeqNo: 2337034 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 96.9 | 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 Quantitative 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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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B53

31-Mar-20

Client: Safety Environmental Services**Project:** Cotton Draw 221 Devon

| Sample ID: MB-51355 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 51355 | RunNo: 67623 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/27/2020 | SeqNo: 2334371 | | | 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 | 9.4 | | 10.00 | | 93.5 | 55.1 | 146 | | | |

| Sample ID: LCS-51355 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 51355 | RunNo: 67623 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/27/2020 | SeqNo: 2334372 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46 | 10 | 50.00 | 0 | 92.2 | 70 | 130 | | | |
| Surr: DNOP | 4.5 | | 5.000 | | 90.6 | 55.1 | 146 | | | |

| Sample ID: 2003B53-001AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|------------------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SP-1 Bottom 1.5' | Batch ID: 51355 | RunNo: 67623 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/27/2020 | SeqNo: 2334374 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 41 | 9.1 | 45.58 | 0 | 90.2 | 47.4 | 136 | | | |
| Surr: DNOP | 4.1 | | 4.558 | | 90.1 | 55.1 | 146 | | | |

| Sample ID: 2003B53-001AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|------------------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SP-1 Bottom 1.5' | Batch ID: 51355 | RunNo: 67623 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/27/2020 | SeqNo: 2334998 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45 | 9.2 | 46.08 | 0 | 97.8 | 47.4 | 136 | 9.20 | 43.4 | |
| Surr: DNOP | 4.6 | | 4.608 | | 99.1 | 55.1 | 146 | 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 Quantitative 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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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2003B53

31-Mar-20

Client: Safety Environmental Services**Project:** Cotton Draw 221 Devon

| Sample ID: 2003b53-001ams | | SampType: MS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|------------------------------------|--------|---------------------------------|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: SP-1 Bottom 1.5' | | Batch ID: 51354 | | RunNo: 67682 | | | | | | |
| Prep Date: 3/26/2020 | | Analysis Date: 3/29/2020 | | SeqNo: 2336683 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.84 | 0.024 | 0.9425 | 0 | 88.8 | 70 | 130 | | | |
| Toluene | 0.99 | 0.047 | 0.9425 | 0 | 105 | 70 | 130 | | | |
| Ethylbenzene | 1.0 | 0.047 | 0.9425 | 0 | 108 | 70 | 130 | | | |
| Xylenes, Total | 3.1 | 0.094 | 2.828 | 0 | 110 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.39 | | 0.4713 | | 81.9 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.47 | | 0.4713 | | 101 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.47 | | 0.4713 | | 100 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | | 0.4713 | | 108 | 70 | 130 | | | |

| Sample ID: 2003b53-001amsd | | SampType: MSD | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|------------------------------------|--------|---------------------------------|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: SP-1 Bottom 1.5' | | Batch ID: 51354 | | RunNo: 67682 | | | | | | |
| Prep Date: 3/26/2020 | | Analysis Date: 3/30/2020 | | SeqNo: 2336684 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.81 | 0.025 | 0.9950 | 0 | 81.6 | 70 | 130 | 3.00 | 20 | |
| Toluene | 1.0 | 0.050 | 0.9950 | 0 | 102 | 70 | 130 | 2.21 | 20 | |
| Ethylbenzene | 1.0 | 0.050 | 0.9950 | 0 | 106 | 70 | 130 | 3.24 | 0 | |
| Xylenes, Total | 3.2 | 0.10 | 2.985 | 0 | 108 | 70 | 130 | 3.14 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 0.40 | | 0.4975 | | 80.2 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.4975 | | 101 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 0.49 | | 0.4975 | | 97.9 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 0.53 | | 0.4975 | | 106 | 70 | 130 | 0 | 0 | |

| Sample ID: lcs-51354 | | SampType: LCS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|-----------------------------|--------|---------------------------------|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: LCSS | | Batch ID: 51354 | | RunNo: 67682 | | | | | | |
| Prep Date: 3/26/2020 | | Analysis Date: 3/29/2020 | | SeqNo: 2336709 | | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.85 | 0.025 | 1.000 | 0 | 85.3 | 70 | 130 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 101 | 70 | 130 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 107 | 70 | 130 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 104 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.38 | | 0.5000 | | 76.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | | 0.5000 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | | 0.5000 | | 103 | 70 | 130 | | | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003B53
31-Mar-20

Client: Safety Environmental Services
Project: Cotton Draw 221 Devon

| | | | | | | | | | | |
|-----------------------------|--------------------------|--|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: mb-51354 | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
| Client ID: PBS | Batch ID: 51354 | RunNo: 67682 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/29/2020 | SeqNo: 2336710 | Units: mg/Kg | | | | | | | |
| 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 | 0.42 | | 0.5000 | | 83.6 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | | 0.5000 | | 97.5 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.51 | | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 100 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative 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

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

WO#: 2003B53

31-Mar-20

Client: Safety Environmental Services**Project:** Cotton Draw 221 Devon

| Sample ID: 2003b53-002ams | SampType: MS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|------------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SP-2 BottoM 1.5' | Batch ID: 51354 | RunNo: 67682 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/30/2020 | SeqNo: 2336715 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 18 | 4.8 | 24.04 | 0 | 74.1 | 70 | 130 | | | |
| Surr: BFB | 490 | | 480.8 | | 101 | 70 | 130 | | | |

| Sample ID: 2003b53-002amsd | SampType: MSD | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|------------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SP-2 BottoM 1.5' | Batch ID: 51354 | RunNo: 67682 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/30/2020 | SeqNo: 2336716 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 19 | 5.0 | 24.78 | 0 | 75.3 | 70 | 130 | 4.69 | 20 | |
| Surr: BFB | 500 | | 495.5 | | 100 | 70 | 130 | 0 | 0 | |

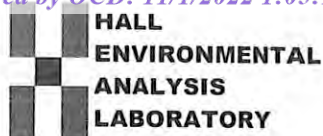
| Sample ID: lcs-51354 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 51354 | RunNo: 67682 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/29/2020 | SeqNo: 2336742 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 19 | 5.0 | 25.00 | 0 | 77.2 | 70 | 130 | | | |
| Surr: BFB | 500 | | 500.0 | | 99.8 | 70 | 130 | | | |

| Sample ID: mb-51354 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 51354 | RunNo: 67682 | | | | | | | | |
| Prep Date: 3/26/2020 | Analysis Date: 3/29/2020 | SeqNo: 2336743 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 480 | | 500.0 | | 96.9 | 70 | 130 | | | |

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **Safety Env Solutions**Work Order Number: **2003B53**

RcptNo: 1

Received By: **Juan Rojas**

3/25/2020 8:30:00 AM

Completed By: **Anne Thorne**

3/25/2020 4:27:24 PM

Reviewed By: **DAD 3/26/20**

Chain of Custody

1. Is Chain of Custody sufficiently complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ 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) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved
bottles checked
for pH:

IO
3/26/20
(<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date

By Whom:

Via:

☐ eMail☐ Phone☐ Fax☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 0.2 | Good | Yes | | | |

| | | |
|---------------------------------|----------|--|
| Chain-of-Custody Record | | Turn-Around Time: |
| Client: Safety & Environment | | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush |
| | Solution | Project Name: Devol Cotton Draw 221 |
| Mailing Address: 703 E. Clinton | | wo # 20838990 |
| 1666bs N.W. 88240 | | Project #: |
| Phone #: 575-397-0510 | | DEV-20-019 |

| | | | |
|-------------------|--|-------------------------------|------------|
| Turn-Around Time: | <input checked="" type="checkbox"/> Standard | <input type="checkbox"/> Rush | 5 day Turn |
| Project Name: | DEV-20-019 | | |
| Project #: | Cotton Draw 221 | | |
| | wo# 20838990 | | |

| | |
|--|---|
| email or Fax#: | Project Manager: <i>Allen, Bob</i> |
| QA/QC Package: | |
| <input checked="" type="checkbox"/> Standard | <input type="checkbox"/> Level 4 (Full Validation) |
| Accreditation: | <input type="checkbox"/> Az Compliance |
| <input type="checkbox"/> NELAC | <input type="checkbox"/> Other |
| <input type="checkbox"/> EDD (Type) | |
| | Sampler: <i>Son Jon</i> |
| | On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | # of Coolers: <i>1</i> |

| | | |
|------------------|---|-----------------------------|
| Project Manager: | Allen, Bob | |
| Sampler: | Son Jun | |
| On Ice: | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| # of Coolers: | 1 | |

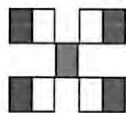
| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | Cooler Temp (including CF): 0.2-0.2 (°C) |
|------|------|--------|--------------------|----------------------|-------------------|----------|--|
| 3/23 | 1415 | S | SP-1 Bottom 1.5 ft | 1 | FW | 2003B53 | |
| 3/23 | 1435 | S | SP-2 Bottom 1.5 ft | 1 | FW | 2002 | |
| 3/23 | 1455 | S | SP-3 water | 1 | | 2003 | |
| 3/24 | 0840 | S | SP-4 water | 1 | | 2004 | |
| 3/24 | 0845 | S | SP-5 water | 1 | | 2005 | |
| 3/24 | 0855 | S | SP-6 Bottom 1 ft | 1 | | 2006 | |
| 3/24 | 0910 | S | SP-7 Bottom 1 ft | 1 | | 2007 | |
| 3/24 | 0930 | S | SP-8 south water | 1 | | 2008 | |
| 3/24 | 1000 | S | SP-9 Surface | 1 | | 2009 | |

| Cooler Temp (including CF): 0.2-0.2 (°C) | Container Type and # | Preservative Type | HEAL No. |
|--|----------------------|-------------------|----------|
| | 1 | PR | 2003B53 |
| | 1 | PR | 201 |
| | 1 | | 202 |
| | 1 | | 203 |
| | 1 | | 204 |
| | 1 | | 205 |
| | 1 | | 206 |
| | 1 | | 207 |
| | 1 | | 208 |
| | 1 | | 209 |

| Date: | Time: | Relinquished by: | Received by: | Via: | Date | Time |
|---------|-------|------------------|--------------|------|---------|------|
| 3/24/20 | 1700 | [Signature] | [Signature] | | 3/24/20 | 1700 |
| 3/24/20 | 1900 | [Signature] | [Signature] | | 3/25/20 | 8:30 |

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| |
|--|
| BTEX / MTBE / TMB's (8021) |
| TPH:8015D(GRO / DRO / MRO) |
| 8081 Pesticides/8082 PCB's |
| EDB (Method 504.1) |
| PAHs by 8310 or 8270SIMS |
| RCRA 8 Metals |
| Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ |
| 8260 (VOA) |
| 8270 (Semi-VOA) |
| Total Coliform (Present/Absent) |
| X California |

Remarks:

Bill Devon
Direct



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

June 08, 2020

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

RE: Devon Cotton Draw 221 H

OrderNo.: 2005D04

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/30/2020 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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2005D04

Date Reported: 6/8/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-16 Surface North

Project: Devon Cotton Draw 221 H

Collection Date: 5/28/2020 10:50:00 AM

Lab ID: 2005D04-001

Matrix: SOIL

Received Date: 5/30/2020 8:22:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/5/2020 10:23:54 PM | 52903 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 5/31/2020 7:01:11 PM | 52791 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 5/31/2020 7:01:11 PM | 52791 |
| Surr: DNOP | 72.1 | 55.1-146 | | %Rec | 1 | 5/31/2020 7:01:11 PM | 52791 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/1/2020 8:08:08 PM | 52788 |
| Surr: BFB | 80.3 | 66.6-105 | | %Rec | 1 | 6/1/2020 8:08:08 PM | 52788 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/1/2020 8:08:08 PM | 52788 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/1/2020 8:08:08 PM | 52788 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/1/2020 8:08:08 PM | 52788 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 6/1/2020 8:08:08 PM | 52788 |
| Surr: 4-Bromofluorobenzene | 92.2 | 80-120 | | %Rec | 1 | 6/1/2020 8:08:08 PM | 52788 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Page 1 of 8

Analytical Report

Lab Order 2005D04

Date Reported: 6/8/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-17 Surface South

Project: Devon Cotton Draw 221 H

Collection Date: 5/28/2020 11:00:00 AM

Lab ID: 2005D04-002

Matrix: SOIL

Received Date: 5/30/2020 8:22:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/5/2020 10:36:19 PM | 52903 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 5/31/2020 7:25:34 PM | 52791 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 5/31/2020 7:25:34 PM | 52791 |
| Surr: DNOP | 68.3 | 55.1-146 | | %Rec | 1 | 5/31/2020 7:25:34 PM | 52791 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/1/2020 8:31:34 PM | 52788 |
| Surr: BFB | 79.3 | 66.6-105 | | %Rec | 1 | 6/1/2020 8:31:34 PM | 52788 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/1/2020 8:31:34 PM | 52788 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/1/2020 8:31:34 PM | 52788 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/1/2020 8:31:34 PM | 52788 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 6/1/2020 8:31:34 PM | 52788 |
| Surr: 4-Bromofluorobenzene | 91.9 | 80-120 | | %Rec | 1 | 6/1/2020 8:31:34 PM | 52788 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

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Analytical Report

Lab Order 2005D04

Date Reported: 6/8/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-18 Surface East

Project: Devon Cotton Draw 221 H

Collection Date: 5/28/2020 11:15:00 AM

Lab ID: 2005D04-003

Matrix: SOIL

Received Date: 5/30/2020 8:22:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/5/2020 10:48:43 PM | 52903 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 5/31/2020 7:50:00 PM | 52791 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 5/31/2020 7:50:00 PM | 52791 |
| Surr: DNOP | 66.1 | 55.1-146 | | %Rec | 1 | 5/31/2020 7:50:00 PM | 52791 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/1/2020 8:54:57 PM | 52788 |
| Surr: BFB | 80.2 | 66.6-105 | | %Rec | 1 | 6/1/2020 8:54:57 PM | 52788 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/1/2020 8:54:57 PM | 52788 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/1/2020 8:54:57 PM | 52788 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/1/2020 8:54:57 PM | 52788 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 6/1/2020 8:54:57 PM | 52788 |
| Surr: 4-Bromofluorobenzene | 93.2 | 80-120 | | %Rec | 1 | 6/1/2020 8:54:57 PM | 52788 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Page 3 of 8

Analytical Report

Lab Order 2005D04

Date Reported: 6/8/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-19 Surface West

Project: Devon Cotton Draw 221 H

Collection Date: 5/28/2020 11:30:00 AM

Lab ID: 2005D04-004

Matrix: SOIL

Received Date: 5/30/2020 8:22:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JMT |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/5/2020 11:01:07 PM | 52903 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg | 1 | 5/31/2020 8:14:42 PM | 52791 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 5/31/2020 8:14:42 PM | 52791 |
| Surr: DNOP | 52.3 | 55.1-146 | S | %Rec | 1 | 5/31/2020 8:14:42 PM | 52791 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/1/2020 9:18:21 PM | 52788 |
| Surr: BFB | 80.0 | 66.6-105 | | %Rec | 1 | 6/1/2020 9:18:21 PM | 52788 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/1/2020 9:18:21 PM | 52788 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/1/2020 9:18:21 PM | 52788 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/1/2020 9:18:21 PM | 52788 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 6/1/2020 9:18:21 PM | 52788 |
| Surr: 4-Bromofluorobenzene | 92.5 | 80-120 | | %Rec | 1 | 6/1/2020 9:18:21 PM | 52788 |

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

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Page 4 of 8

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2005D04

08-Jun-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221 H

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-52903 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 52903 | RunNo: 69444 | | | | | | | | |
| Prep Date: 6/5/2020 | Analysis Date: 6/5/2020 | SeqNo: 2409023 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-52903 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 52903 | RunNo: 69444 | | | | | | | | |
| Prep Date: 6/5/2020 | Analysis Date: 6/5/2020 | SeqNo: 2409024 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 91.8 | 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 Quantitative 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 5 of 8

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

WO#: 2005D04

08-Jun-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221 H

| Sample ID: LCS-52791 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 52791 | | RunNo: 69277 | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 5/31/2020 | | SeqNo: 2401817 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 50 | 10 | 50.00 | 0 | 100 | 70 | 130 | | | |
| Surr: DNOP | 3.6 | | 5.000 | | 72.3 | 55.1 | 146 | | | |

| Sample ID: MB-52791 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 52791 | | RunNo: 69277 | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 5/31/2020 | | SeqNo: 2401818 | | 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 | 8.5 | | 10.00 | | 85.0 | 55.1 | 146 | | | |

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 Quantitative 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 6 of 8

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2005D0408-Jun-20

Client: Safety & Environmental Solutions
Project: Devon Cotton Draw 221 H

| | | | | | | | | | | |
|-------------------------------|-------------------------|--|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: mb-52788 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: PBS | Batch ID: 52788 | RunNo: 69307 | | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 6/1/2020 | SeqNo: 2403247 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 820 | | 1000 | | 82.3 | 66.6 | 105 | | | |

| | | | | | | | | | | |
|-------------------------------|-------------------------|--|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: lcs-52788 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
| Client ID: LCSS | Batch ID: 52788 | RunNo: 69307 | | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 6/1/2020 | SeqNo: 2403248 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20 | 5.0 | 25.00 | 0 | 81.6 | 80 | 120 | | | |
| Surr: BFB | 890 | | 1000 | | 89.3 | 66.6 | 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 Quantitative 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

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

WO#: 2005D04

08-Jun-20

Client: Safety & Environmental Solutions**Project:** Devon Cotton Draw 221 H

| Sample ID: mb-52788 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 52788 | RunNo: 69307 | | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 6/1/2020 | SeqNo: 2403285 | Units: mg/Kg | | | | | | | |
| 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 | 0.94 | | 1.000 | | 94.3 | 80 | 120 | | | |

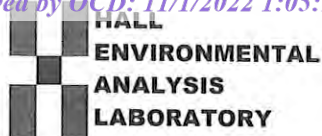
| Sample ID: LCS-52788 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 52788 | RunNo: 69307 | | | | | | | | |
| Prep Date: 5/31/2020 | Analysis Date: 6/1/2020 | SeqNo: 2403286 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.95 | 0.025 | 1.000 | 0 | 95.0 | 80 | 120 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 98.3 | 80 | 120 | | | |
| Ethylbenzene | 0.99 | 0.050 | 1.000 | 0 | 99.3 | 80 | 120 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 98.4 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 96.2 | 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 Quantitative 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 8 of 8



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

Sample Log-In Check List

Client Name: Safety Env Solutions

Work Order Number: 2005D04

RcptNo: 1

Received By: Isaiah Ortiz 5/30/2020 8:22:00 AM

Completed By: Isaiah Ortiz 5/30/2020 8:55:50 AM

Reviewed By: LB 5/30/20

I-OK
I-OK

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 ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ 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) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
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 ☐

of preserved bottles checked for pH: 5/30/20
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1 | 4.1 | Good | Not Present | | | |

Devon Energy

CDU 221H



| | |
|----------------|---------------|
| Incident ID | NAB1912032237 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules 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.

Printed Name: Dale Woodall Title: Environmental Professional
Signature: Dale Woodall Date: 11/1/2022
email: dale.woodall@dvn.com 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: _____

| | |
|----------------|---------------|
| Incident ID | NAB1911936996 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules 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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 11/1/2022

email: dale.woodall@dvn.com 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

Action 155316

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 155316 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| rhamlet | We have received your closure report and final C-141 for Incident #NAB1911936996 COTTON DRAW UNIT #221H, thank you. This closure is approved. | 1/19/2023 |