

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|---|-------------------------------------|
| Name of Company ConocoPhillips Company | Contact Lisa Hunter |
| Address 3401 East 30th St, Farmington, NM | Telephone No. (505) 326-9786 |
| Facility Name: San Juan 30-5 Unit 240 | Facility Type: Gas Well |

| | | |
|--------------------------|--------------------------|---------------------------|
| Surface Owner BLM | Mineral Owner BLM | API No. 3003925202 |
|--------------------------|--------------------------|---------------------------|

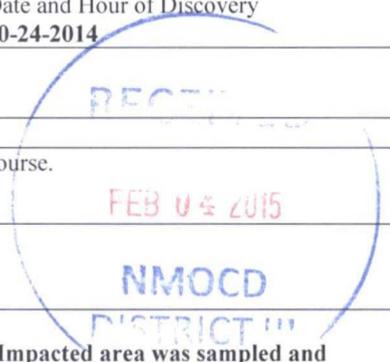
LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|-----------|------------|------------|---------------|------------------|---------------|----------------|-------------------|
| H | 22 | 30N | 05W | 1403 | North | 1165 | East | Rio Arriba |

Latitude 36.80146 Longitude -107.33961

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release Historic Contamination | Volume of Release Unk | Volume Recovered 90 yds |
| Source of Release Unknown – found during facility reset, possible historic dehydration pit | Date and Hour of Occurrence Unknown | Date and Hour of Discovery 10-24-2014 |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? n/a | |
| By Whom? n/a | Date and Hour n/a | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. n/a | |



If a Watercourse was Impacted, Describe Fully.*
n/a

Describe Cause of Problem and Remedial Action Taken.*
Historic hydrocarbon contamination was discovered during facility reset, possible historic dehydration pit. Impacted area was sampled and delineated by third-party environmental.

Describe Area Affected and Cleanup Action Taken.*
Historic hydrocarbon impacted soil was discovered during facility reset. The excavation was 30' x 30' x 6' in depth and 90 yds of soil was transported to IEI land farm and 90 yds of clean soil was placed in the excavation site. Analytical results were below the regulatory standards – no further action required. The soil sampling report is attached for review.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

| | | |
|--|---------------------------------------|-----------------------------------|
| Signature: | OIL CONSERVATION DIVISION | |
| Printed Name: Lisa Hunter | Approved by Environmental Specialist: | |
| Title: Field Environmental Specialist | Approval Date: 4/13/15 | Expiration Date: |
| E-mail Address: Lisa.Hunter@cop.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: February 2, 2015 Phone: (505) 326-9786 | | |

* Attach Additional Sheets If Necessary

#NOES 1510342996

24



January 26, 2015

Lisa Hunter
ConocoPhillips
San Juan Business Unit
Office 214-04
5525 Hwy 64
Farmington, New Mexico 87401

Via electronic mail to:
SJBUE-Team@ConocoPhillips.com

**RE: Release Assessment and Final Excavation Report
San Juan 30-5 #240
Rio Arriba County, New Mexico**

Dear Ms. Hunter:

On October 24 and November 4, 2014, Animas Environmental Services, LLC (AES) completed an initial release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (CoP) San Juan 30-5 #240, located in Rio Arriba County, New Mexico. The release consisted of historic contamination discovered during facility reset activities while digging a pit for a below grade tank (BGT) at the location. The initial release assessment was completed by AES on October 24, 2014, and the final excavation was completed by CoP contractors while AES was at the location on November 4, 2014.

1.0 Site Information

1.1 Location

Site Name – San Juan 30-5 #240
Location – SE¼ NE¼, Section 22, T30N, R5W, Rio Arriba County, New Mexico
Well Head Latitude/Longitude – N36.80159, W107.33974
Release Location Latitude/Longitude – N36.80146, W107.33961
Land Jurisdiction – Private
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, October 2014

604 W. Piñon St.
Farmington, NM 87401
505-564-2281

1911 Main, Ste 280
Durango, CO
970-403-3084

1.2 NMOCD Ranking

In accordance with New Mexico Oil Conservation Division (NMOCD) release protocols, action levels were established per NMOCD *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993) prior to site work. The release was given a ranking score of 10 based on the following factors:

- **Depth to Groundwater:** A cathodic protection report form dated February 2006 for the San Juan 30-5 #90M, located approximately 1,900 feet southeast and 10 feet lower than the location, reported the depth to groundwater at 120 feet below ground surface (bgs). (0 points)
- **Wellhead Protection Area:** The release location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** A livestock pond is located approximately 880 feet northwest of the location. (10 points)

1.3 Assessment

AES was initially contacted by Danny Rudder, CoP representative, on October 23, 2014, and on October 24, 2014, Emilee Skyles and Dylan Davis of AES completed the release assessment field work. The assessment included collection and field sampling of two samples in the release area, five soil samples from five assessment trenches in and around the release area, and five composite samples from the initial excavation. Based on field sampling results, AES recommended further excavation of the release area. Sample locations are shown on Figure 3.

On November 4, 2014, AES returned to the location to collect confirmation soil samples from the final excavation. The field sampling activities included collection of five confirmation soil samples (SC-6 through SC-10) from the walls and base of the excavation. The area of the final excavation measured approximately 34 feet by 28 feet by 2 to 3 feet in depth. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of seven soil samples (S-1, S-2, and TH-1 through TH-5) and ten composite samples (SC-1 through SC-10) were collected during the assessments. All soil samples were field screened for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH). Five composite samples (SC-6 through SC-10) collected during the final excavation clearance were submitted for confirmation laboratory analysis.

2.1 Field Sampling

2.1.1 Volatile Organic Compounds

Field screening for VOC vapors was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

2.1.2 Total Petroleum Hydrocarbons

Field TPH samples were analyzed per U.S. Environmental Protection Agency (USEPA) Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES's *Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method 418.1*.

2.2 Laboratory Analyses

The soil samples collected for laboratory analysis were placed into new, clean, laboratory-supplied containers, which were then labeled, placed on ice, and logged onto a sample chain of custody record. Samples were maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico. All soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B; and
- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015D.

2.3 Field and Laboratory Analytical Results

On October 24, 2014, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 0.2 ppm in SC-5 up to 5.0 ppm in SC-1. Field TPH concentrations ranged from 25.3 mg/kg in TH-3 to greater than 2,500 mg/kg in S-2, SC-1, SC-3, and SC-4.

On November 4, 2014, final excavation field screening results for VOCs via OVM ranged from 0.0 ppm in SC-7 through SC-10 up to 0.1 ppm in SC-6. Field TPH concentrations ranged from 59.4 mg/kg in SC-10 up to 589 mg/kg in SC-8. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Sampling Reports are attached.

Table 1. Field Sampling VOCs and TPH Results
 San Juan 30-5 #240 Initial Release Assessment and Final Excavation
 October and November 2014

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Sample Depth (ft bgs)</i> | <i>VOCs via OVM (ppm)</i> | <i>TPH 418.1 (mg/kg)</i> |
|----------------------------|---------------------|------------------------------|---------------------------|--------------------------|
| <i>NMOCD Action Level*</i> | | | <i>100</i> | <i>1,000</i> |
| S-1 | 10/24/14 | 2 | 0.4 | 560 |
| S-2 | 10/24/14 | 2 | 0.7 | >2,500 |
| TH-1 | 10/24/14 | 2 | 4.6 | 123 |
| TH-2 | 10/24/14 | 2 | 2.5 | 82.5 |
| TH-3 | 10/24/14 | 2 | 0.3 | 25.3 |
| TH-4 | 10/24/14 | 2 | 0.8 | 29.5 |
| TH-5 | 10/24/14 | 2 | 0.3 | 30.9 |
| SC-1 | 10/24/14 | 0 to 2 | 5.0 | >2,500 |
| SC-2 | 10/24/14 | 0 to 2 | 2.4 | 458 |
| SC-3 | 10/24/14 | 0 to 2 | 3.0 | >2,500 |
| SC-4 | 10/24/14 | 0 to 2 | 1.0 | >2,500 |
| SC-5 | 10/24/14 | 3 | 0.2 | 96.5 |
| SC-6 | 11/4/14 | 0 to 2 | 0.1 | 113 |
| SC-7 | 11/4/14 | 0 to 2 | 0.0 | 421 |
| SC-8 | 11/4/14 | 0 to 2 | 0.0 | 589 |
| SC-9 | 11/4/14 | 0 to 3 | 0.0 | 266 |
| SC-10 | 11/4/14 | 2 to 3 | 0.0 | 59.4 |

*Action level determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993)

Laboratory analyses for SC-6 through SC-10 were used to confirm field sampling results from the final excavation. Benzene concentrations in SC-6 through SC-10 were reported below laboratory detection limits. Total BTEX concentrations were below laboratory detection limits that ranged from 0.235 mg/kg to 0.246 mg/kg. TPH concentrations (as GRO/DRO) varied from below the laboratory detection limit of 14.7 mg/kg in SC-10, up to 73 mg/kg in SC-8. Results are presented in Table 2 and on Figure 4. The laboratory analytical report is attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH
 San Juan 30-5 #240 Initial Release Assessment and Final Excavation
 October and November 2014

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Sample Depth (ft bgs)</i> | <i>Benzene (mg/kg)</i> | <i>Total BTEX (mg/kg)</i> | <i>GRO (mg/kg)</i> | <i>DRO (mg/kg)</i> |
|----------------------------|---------------------|------------------------------|------------------------|---------------------------|--------------------|--------------------|
| <i>NMOCD Action Level*</i> | | | 10 | 50 | 1,000 | |
| SC-6 | 11/4/14 | 0 to 2 | <0.048 | <0.239 | <4.8 | 32 |
| SC-7 | 11/4/14 | 0 to 2 | <0.049 | <0.246 | <4.9 | 54 |
| SC-8 | 11/4/14 | 0 to 2 | <0.048 | <0.240 | <4.8 | 73 |
| SC-9 | 11/4/14 | 0 to 3 | <0.047 | <0.236 | <4.7 | 32 |
| SC-10 | 11/4/14 | 2 to 3 | <0.047 | <0.235 | <4.7 | <10 |

*Action level determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993)

3.0 Conclusions and Recommendations

On October 24, 2014, AES conducted an initial assessment of petroleum contaminated soils associated with a historic contamination discovered at the San Juan 30-5 #240. Action levels for releases are determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 10.

Initial assessment field sampling results above the NMOCD action level of 100 ppm VOCs and 1,000 mg/kg TPH were reported in S-2, SC-1, SC-3, and SC-4. The highest VOC concentration was reported in SC-1 with 5.0 ppm, and the highest TPH concentration was reported in S-2, SC-1, SC-3, and SC-4 with greater than 2,500 mg/kg.

On November 4, 2014, final excavation of the impacted area was completed. Field sampling results of the excavation extents showed that VOC concentrations were below applicable NMOCD action levels for the final walls and base of the excavation. Field TPH concentrations were also below the applicable NMOCD action level of 1,000 mg/kg for the final walls and base of the excavation. Laboratory analytical results reported benzene, total BTEX, and TPH concentrations (as GRO/DRO) in SC-6 through SC-10 below NMOCD action levels.

Based on final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the San Juan 30-5 #240, VOC, benzene, total BTEX, and

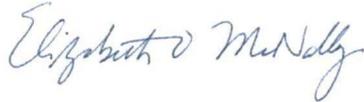
TPH concentrations were below applicable NMOCD action levels for each of the sidewalls and base of the excavation. No further work is recommended.

If you have any questions about this report or site conditions, please do not hesitate to contact Emilee Skyles at (505) 564-2281.

Sincerely,



David J. Reese
Environmental Scientist

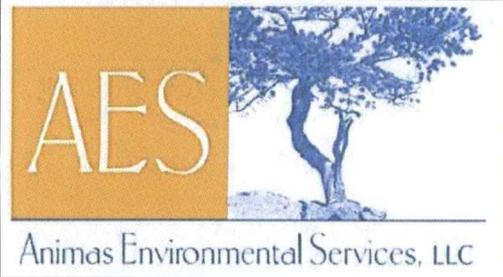
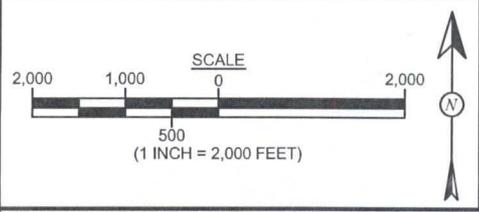
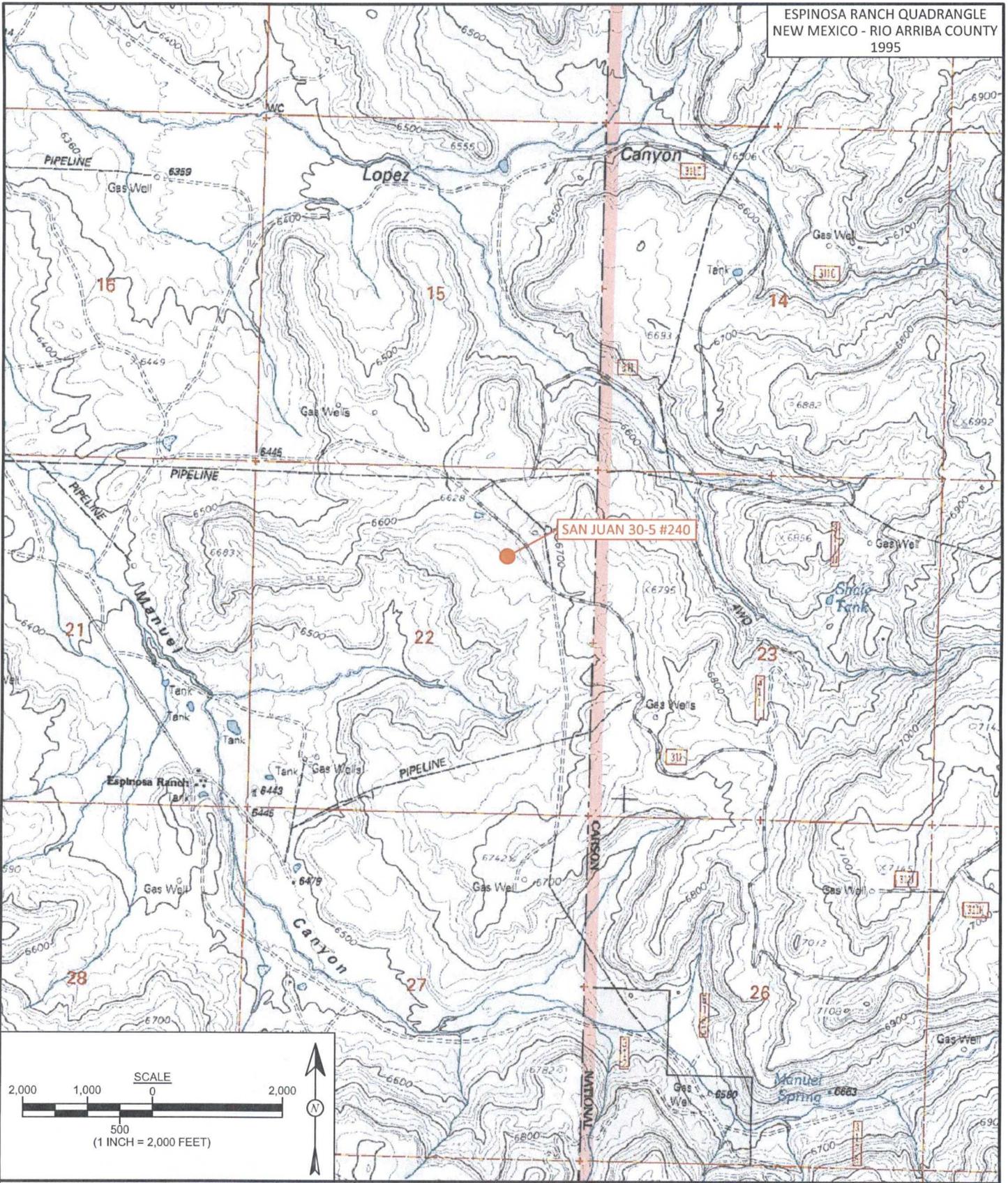


Elizabeth McNally, PE

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, October 2014
- Figure 3. Initial Assessment Sample Locations and Results, October 2014
- Figure 4. Final Excavation Sample Locations and Results, November 2014
- AES Field Sampling Report 102414
- AES Field Sampling Report 110414
- Hall Laboratory Analytical Report 1411139

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Projects\ConocoPhillips\SJ 30-5 #240\San Juan 30-5 #240 Release and Final Excavation Report 012615.docx



| | |
|------------------------------------|---|
| DRAWN BY: S. Glasses | DATE DRAWN: October 27, 2014 |
| REVISIONS BY: C. Lameman | DATE REVISED: October 27, 2014 |
| CHECKED BY: E. Skyles | DATE CHECKED: October 27, 2014 |
| APPROVED BY: E. McNally | DATE APPROVED: October 27, 2014 |

FIGURE 1
TOPOGRAPHIC SITE LOCATION MAP
 ConocoPhillips
 SAN JUAN 30-5 #240
 SE¼ NE¼, SECTION 22, T30N, R5W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.80159, W107.33974



| | | | |
|--|------------------------------------|---|--|
| | DRAWN BY: S. Glasses | DATE DRAWN: October 27, 2014 | FIGURE 2 AERIAL SITE MAP OCTOBER 2014 ConocoPhillips SAN JUAN 30-5 #240 SE¼ NE¼, SECTION 22, T30N, R5W RIO ARRIBA COUNTY, NEW MEXICO N36.80159, W107.33974 |
| | REVISIONS BY: C. Lameman | DATE REVISED: October 27, 2014 | |
| | CHECKED BY: E. Skyles | DATE CHECKED: October 27, 2014 | |
| | APPROVED BY: E. McNally | DATE APPROVED: October 27, 2014 | |

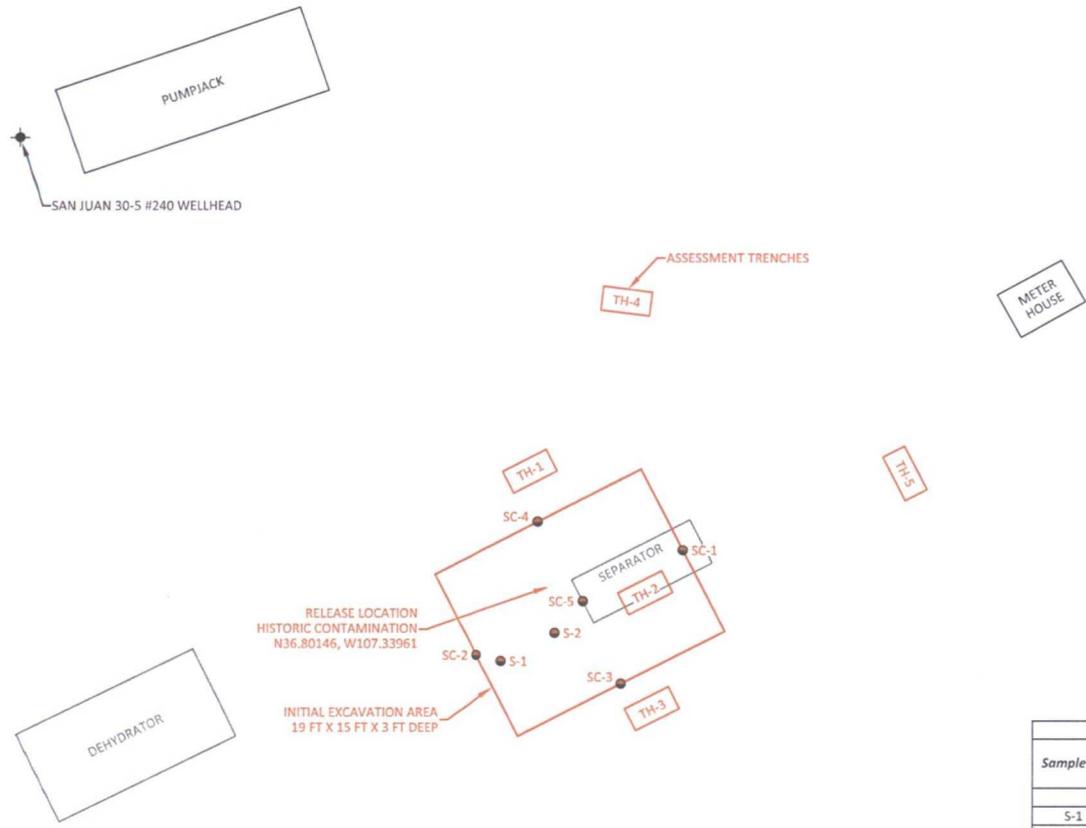


FIGURE 3

INITIAL ASSESSMENT SAMPLE LOCATIONS AND RESULTS OCTOBER 2014
 ConocoPhillips
 SAN JUAN 30-5 #240
 SE¼ NE¼, SECTION 22, T30N, R5W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.80159, W107.33974



Animas Environmental Services, LLC

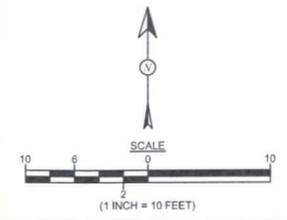
| | |
|------------------------------------|--|
| DRAWN BY: C. Lameman | DATE DRAWN: October 29, 2014 |
| REVISIONS BY: C. Lameman | DATE REVISED: November 13, 2014 |
| CHECKED BY: E. Skyles | DATE CHECKED: November 13, 2014 |
| APPROVED BY: E. McNally | DATE APPROVED: November 13, 2014 |

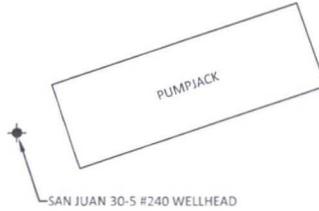
LEGEND

- SAMPLE LOCATIONS

| Field Sampling Results | | | | |
|---------------------------|----------|------------|---------------|--------------|
| Sample ID | Date | Depth (ft) | OVM-PID (ppm) | TPH (mg/kg) |
| NMOCB ACTION LEVEL | | | 100 | 1,000 |
| S-1 | 10/24/14 | 2 | 0.4 | 560 |
| S-2 | 10/24/14 | 2 | 0.7 | >2,500 |
| TH-1 | 10/24/14 | 2 | 4.6 | 123 |
| TH-2 | 10/24/14 | 2 | 2.5 | 82.5 |
| TH-3 | 10/24/14 | 2 | 0.3 | 25.3 |
| TH-4 | 10/24/14 | 2 | 0.8 | 29.5 |
| TH-5 | 10/24/14 | 2 | 0.3 | 30.9 |
| SC-1 | 10/24/14 | 0 to 2 | 5.0 | >2,500 |
| SC-2 | 10/24/14 | 0 to 2 | 2.4 | 458 |
| SC-3 | 10/24/14 | 0 to 2 | 3.0 | >2,500 |
| SC-4 | 10/24/14 | 0 to 2 | 1.0 | >2,500 |
| SC-5 | 10/24/14 | 3 | 0.2 | 96.5 |

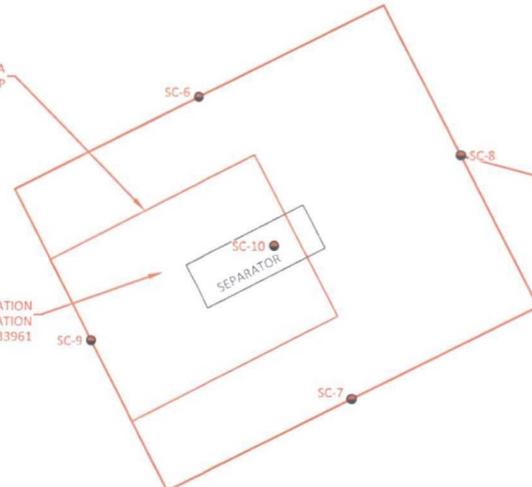
SC-1 THROUGH SC-5 WERE COMPOSITE SAMPLES.





INITIAL EXCAVATION AREA
19 FT X 15 FT X 3 FT DEEP

RELEASE LOCATION
HISTORIC CONTAMINATION
N36.80146, W107.33961



FINAL EXCAVATION AREA
34 FT X 28 FT X 2 TO 3 FT DEEP

| Field Sampling Results | | | | | |
|------------------------|---------|----------------------------|---------------|-------------|-------------------------|
| Sample ID | Date | Depth (ft) | OVM-PID (ppm) | TPH (mg/kg) | |
| | | NMOC D ACTION LEVEL | | | 100 1,000 |
| SC-6 | 11/4/14 | 0 to 2 | 0.1 | 113 | |
| SC-7 | 11/4/14 | 0 to 2 | 0.0 | 421 | |
| SC-8 | 11/4/14 | 0 to 2 | 0.0 | 589 | |
| SC-9 | 11/4/14 | 0 to 3 | 0.0 | 266 | |
| SC-10 | 11/4/14 | 2 to 3 | 0.0 | 59.4 | |

SC-6 THROUGH SC-10 WERE COMPOSITE SAMPLES.

| Laboratory Analytical Results | | | | | |
|-------------------------------|---------|----------------------------|--------------------|-------------------|----------------------------------|
| Sample ID | Date | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH - GRO (mg/kg) | TPH - DRO (mg/kg) |
| | | NMOC D ACTION LEVEL | | | 10 50 1,000 |
| SC-6 | 11/4/14 | <0.048 | <0.239 | <4.8 | 32 |
| SC-7 | 11/4/14 | <0.049 | <0.246 | <4.9 | 54 |
| SC-8 | 11/4/14 | <0.048 | <0.240 | <4.8 | 73 |
| SC-9 | 11/4/14 | <0.047 | <0.236 | <4.7 | 32 |
| SC-10 | 11/4/14 | <0.047 | <0.235 | <4.7 | <10 |

SAMPLES WERE ANALYZED PER USEPA METHOD 8021B AND 8015D.

FIGURE 4

FINAL EXCAVATION SAMPLE LOCATIONS AND RESULTS NOVEMBER 2014
 ConocoPhillips
 SAN JUAN 30-5 #240
 SE¼, NE¼, SECTION 22, T30N, R5W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.80159, W107.33974

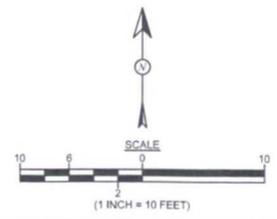


Animas Environmental Services, LLC

| | |
|------------------------------------|--|
| DRAWN BY: C. Lameman | DATE DRAWN: November 5, 2014 |
| REVISIONS BY: C. Lameman | DATE REVISED: November 13, 2014 |
| CHECKED BY: E. Skyles | DATE CHECKED: November 13, 2014 |
| APPROVED BY: E. McNally | DATE APPROVED: November 13, 2014 |

LEGEND

● SAMPLE LOCATIONS



AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: San Juan 30-5 #240

Date: 10/24/2014

Matrix: Soil

| Sample ID | Collection Date | Collection Time | OVM (ppm) | Field TPH* (mg/kg) | Field TPH Analysis Time | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|-----------------|-----------|--------------------|-------------------------|-----------------|----|-----------------------|
| S-1 | 10/24/2014 | 10:10 | 0.4 | 560 | 10:42 | 20.0 | 1 | EMS |
| S-2 | 10/24/2014 | 10:12 | 0.7 | >2,500 | 10:44 | 20.0 | 1 | EMS |
| TH-1 @ 2' | 10/24/2014 | 10:50 | 4.6 | 123 | 11:48 | 20.0 | 1 | EMS |
| TH-2 @ 2' | 10/24/2014 | 10:58 | 2.5 | 82.5 | 11:51 | 20.0 | 1 | EMS |
| TH-3 @ 2' | 10/24/2014 | 11:10 | 0.3 | 25.3 | 11:54 | 20.0 | 1 | EMS |
| TH-4 @ 2' | 10/24/2014 | 16:00 | 0.8 | 29.5 | 12:14 | 20.0 | 1 | EMS |
| TH-5 @ 2' | 10/24/2014 | 16:05 | 0.3 | 30.9 | 12:16 | 20.0 | 1 | EMS |
| SC-1 | 10/24/2014 | 15:30 | 5.0 | >2,500 | 16:07 | 20.0 | 1 | EMS |
| SC-2 | 10/24/2014 | 14:00 | 2.4 | 458 | 14:21 | 20.0 | 1 | EMS |
| SC-3 | 10/24/2014 | 15:38 | 3.0 | >2,500 | 16:15 | 20.0 | 1 | EMS |
| SC-4 | 10/24/2014 | 15:40 | 1.0 | >2,500 | 16:20 | 20.0 | 1 | EMS |
| SC-5 | 10/24/2014 | 13:45 | 0.2 | 96.5 | 14:02 | 20.0 | 1 | EMS |

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Erin Skelton

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: San Juan 30-5 #240

Date: 11/4/2014

Matrix: Soil

| Sample ID | Collection Date | Collection Time | Sample Location | OVM (ppm) | Field TPH* (mg/kg) | Field TPH Analysis Time | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|-----------------|-----------------|-----------|--------------------|-------------------------|-----------------|----|-----------------------|
| SC-6 | 11/4/2014 | 13:25 | North Wall | 0.1 | 113 | 14:15 | 20.0 | 1 | EMS |
| SC-7 | 11/4/2014 | 13:53 | South Wall | 0.0 | 421 | 14:18 | 20.0 | 1 | EMS |
| SC-8 | 11/4/2014 | 13:32 | East Wall | 0.0 | 589 | 14:20 | 20.0 | 1 | EMS |
| SC-9 | 11/4/2014 | 14:30 | West Wall | 0.0 | 266 | 14:56 | 20.0 | 1 | EMS |
| SC-10 | 11/4/2014 | 13:40 | Base | 0.0 | 59.4 | 14:24 | 20.0 | 1 | EMS |

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst: *Eric Skelton*



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

November 11, 2014

Emilee Skyles
Animas Environmental
604 Pinon Street
Farmington, NM 87401
TEL: (505) 564-2281
FAX

RE: CoP SJ 30-5 #240

OrderNo.: 1411139

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 5 sample(s) on 11/5/2014 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 #NM0190

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Animas Environmental**Client Sample ID:** SC-6**Project:** CoP SJ 30-5 #240**Collection Date:** 11/4/2014 1:25:00 PM**Lab ID:** 1411139-001**Matrix:** SOIL**Received Date:** 11/5/2014 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | 32 | 10 | | mg/Kg | 1 | 11/6/2014 10:02:45 AM | 16244 |
| Surr: DNOP | 107 | 63.5-128 | | %REC | 1 | 11/6/2014 10:02:45 AM | 16244 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 11/6/2014 11:59:43 AM | 16255 |
| Surr: BFB | 83.7 | 80-120 | | %REC | 1 | 11/6/2014 11:59:43 AM | 16255 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 11:59:43 AM | 16255 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 11:59:43 AM | 16255 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 11:59:43 AM | 16255 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 11/6/2014 11:59:43 AM | 16255 |
| Surr: 4-Bromofluorobenzene | 85.5 | 80-120 | | %REC | 1 | 11/6/2014 11:59:43 AM | 16255 |

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 |
| | 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 |
| | O | RSD is greater than RSDlimit | P | Sample pH greater than 2. |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| | S | Spike Recovery outside accepted recovery limits | | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental
Project: CoP SJ 30-5 #240
Lab ID: 1411139-002

Client Sample ID: SC-7
Collection Date: 11/4/2014 1:53:00 PM
Received Date: 11/5/2014 7:30:00 AM

Matrix: SOIL

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | 54 | 9.9 | | mg/Kg | 1 | 11/6/2014 12:02:43 PM | 16244 |
| Surr: DNOP | 119 | 63.5-128 | | %REC | 1 | 11/6/2014 12:02:43 PM | 16244 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 11/6/2014 1:28:08 PM | 16255 |
| Surr: BFB | 89.0 | 80-120 | | %REC | 1 | 11/6/2014 1:28:08 PM | 16255 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.049 | | mg/Kg | 1 | 11/6/2014 1:28:08 PM | 16255 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 11/6/2014 1:28:08 PM | 16255 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 11/6/2014 1:28:08 PM | 16255 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 11/6/2014 1:28:08 PM | 16255 |
| Surr: 4-Bromofluorobenzene | 91.6 | 80-120 | | %REC | 1 | 11/6/2014 1:28:08 PM | 16255 |

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 |
| | 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 |
| | O | RSD is greater than RSDlimit | P | Sample pH greater than 2. |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| | S | Spike Recovery outside accepted recovery limits | | |

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Animas Environmental**Client Sample ID:** SC-8**Project:** CoP SJ 30-5 #240**Collection Date:** 11/4/2014 1:32:00 PM**Lab ID:** 1411139-003**Matrix:** SOIL**Received Date:** 11/5/2014 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | 73 | 10 | | mg/Kg | 1 | 11/6/2014 1:53:23 PM | 16244 |
| Surr: DNOP | 125 | 63.5-128 | | %REC | 1 | 11/6/2014 1:53:23 PM | 16244 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 11/6/2014 2:54:02 PM | 16255 |
| Surr: BFB | 91.6 | 80-120 | | %REC | 1 | 11/6/2014 2:54:02 PM | 16255 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 2:54:02 PM | 16255 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 2:54:02 PM | 16255 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 11/6/2014 2:54:02 PM | 16255 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 11/6/2014 2:54:02 PM | 16255 |
| Surr: 4-Bromofluorobenzene | 96.3 | 80-120 | | %REC | 1 | 11/6/2014 2:54:02 PM | 16255 |

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 |
| | 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 |
| | O | RSD is greater than RSDlimit | P | Sample pH greater than 2. |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| | S | Spike Recovery outside accepted recovery limits | | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-9

Project: CoP SJ 30-5 #240

Collection Date: 11/4/2014 2:30:00 PM

Lab ID: 1411139-004

Matrix: SOIL

Received Date: 11/5/2014 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | 32 | 10 | | mg/Kg | 1 | 11/6/2014 3:25:21 PM | 16244 |
| Surr: DNOP | 114 | 63.5-128 | | %REC | 1 | 11/6/2014 3:25:21 PM | 16244 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 11/6/2014 3:22:39 PM | 16255 |
| Surr: BFB | 91.9 | 80-120 | | %REC | 1 | 11/6/2014 3:22:39 PM | 16255 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:22:39 PM | 16255 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:22:39 PM | 16255 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:22:39 PM | 16255 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 11/6/2014 3:22:39 PM | 16255 |
| Surr: 4-Bromofluorobenzene | 96.3 | 80-120 | | %REC | 1 | 11/6/2014 3:22:39 PM | 16255 |

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 |
| 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 |
| O | RSD is greater than RSDlimit | P Sample pH greater than 2. |
| R | RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S | Spike Recovery outside accepted recovery limits | |

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-10

Project: CoP SJ 30-5 #240

Collection Date: 11/4/2014 1:40:00 PM

Lab ID: 1411139-005

Matrix: SOIL

Received Date: 11/5/2014 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 11/6/2014 4:26:40 PM | 16244 |
| Surr: DNOP | 121 | 63.5-128 | | %REC | 1 | 11/6/2014 4:26:40 PM | 16244 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 11/6/2014 3:51:13 PM | 16255 |
| Surr: BFB | 92.1 | 80-120 | | %REC | 1 | 11/6/2014 3:51:13 PM | 16255 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:51:13 PM | 16255 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:51:13 PM | 16255 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 11/6/2014 3:51:13 PM | 16255 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 11/6/2014 3:51:13 PM | 16255 |
| Surr: 4-Bromofluorobenzene | 96.2 | 80-120 | | %REC | 1 | 11/6/2014 3:51:13 PM | 16255 |

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 |
| | 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 |
| | O | RSD is greater than RSDlimit | P | Sample pH greater than 2. |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit |
| | S | Spike Recovery outside accepted recovery limits | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1411139

11-Nov-14

Client: Animas Environmental
Project: CoP SJ 30-5 #240

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | MB-16244 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 16244 | RunNo: | 22362 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659067 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 106 | 63.5 | 128 | | | |

| | | | | | | | | | | |
|-----------------------------|-----------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | 1411139-001AMS | SampType: | MS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | SC-6 | Batch ID: | 16244 | RunNo: | 22362 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659383 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 76 | 9.8 | 49.21 | 32.41 | 89.5 | 29.2 | 176 | | | |
| Surr: DNOP | 5.8 | | 4.921 | | 118 | 63.5 | 128 | | | |

| | | | | | | | | | | |
|-----------------------------|------------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | 1411139-001AMSD | SampType: | MSD | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | SC-6 | Batch ID: | 16244 | RunNo: | 22362 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659384 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 88 | 10 | 49.80 | 32.41 | 111 | 29.2 | 176 | 13.6 | 23 | |
| Surr: DNOP | 5.7 | | 4.980 | | 114 | 63.5 | 128 | 0 | 0 | |

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | LCS-16244 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 16244 | RunNo: | 22362 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659584 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53 | 10 | 50.00 | 0 | 107 | 68.6 | 130 | | | |
| Surr: DNOP | 5.2 | | 5.000 | | 105 | 63.5 | 128 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1411139
 11-Nov-14

Client: Animas Environmental
Project: CoP SJ 30-5 #240

| Sample ID MB-16255 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 16255 | | RunNo: 22385 | | | | | | | |
| Prep Date: 11/5/2014 | Analysis Date: 11/6/2014 | | SeqNo: 659829 | | 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 | 850 | | 1000 | | 85.4 | 80 | 120 | | | |

| Sample ID LCS-16255 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 16255 | | RunNo: 22385 | | | | | | | |
| Prep Date: 11/5/2014 | Analysis Date: 11/6/2014 | | SeqNo: 659830 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 105 | 65.8 | 139 | | | |
| Surr: BFB | 920 | | 1000 | | 92.4 | 80 | 120 | | | |

| Sample ID 1411139-001AMS | SampType: MS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|---------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SC-6 | Batch ID: 16255 | | RunNo: 22385 | | | | | | | |
| Prep Date: 11/5/2014 | Analysis Date: 11/6/2014 | | SeqNo: 659832 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 4.8 | 23.76 | 0 | 104 | 71.8 | 132 | | | |
| Surr: BFB | 890 | | 950.6 | | 93.5 | 80 | 120 | | | |

| Sample ID 1411139-001AMSD | SampType: MSD | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SC-6 | Batch ID: 16255 | | RunNo: 22385 | | | | | | | |
| Prep Date: 11/5/2014 | Analysis Date: 11/6/2014 | | SeqNo: 659833 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 4.8 | 23.81 | 0 | 118 | 71.8 | 132 | 13.1 | 20 | |
| Surr: BFB | 910 | | 952.4 | | 95.9 | 80 | 120 | 0 | 0 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1411139

11-Nov-14

Client: Animas Environmental

Project: CoP SJ 30-5 #240

| Sample ID | MB-16255 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | PBS | Batch ID: | 16255 | RunNo: | 22385 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659841 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.88 | | 1.000 | | 88.2 | 80 | 120 | | | |

| Sample ID | LCS-16255 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | LCSS | Batch ID: | 16255 | RunNo: | 22385 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659842 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.96 | 0.050 | 1.000 | 0 | 96.2 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.4 | 80 | 120 | | | |
| Ethylbenzene | 0.98 | 0.050 | 1.000 | 0 | 98.2 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 97.4 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 94.3 | 80 | 120 | | | |

| Sample ID | 1411139-002AMS | SampType: | MS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|-----------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | SC-7 | Batch ID: | 16255 | RunNo: | 22385 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659845 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.049 | 0.9852 | 0 | 101 | 77.4 | 142 | | | |
| Toluene | 1.0 | 0.049 | 0.9852 | 0.01165 | 103 | 77 | 132 | | | |
| Ethylbenzene | 1.1 | 0.049 | 0.9852 | 0.009645 | 107 | 77.6 | 134 | | | |
| Xylenes, Total | 3.1 | 0.099 | 2.956 | 0.03770 | 104 | 77.4 | 132 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 0.9852 | | 101 | 80 | 120 | | | |

| Sample ID | 1411139-002AMSD | SampType: | MSD | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|------------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Client ID: | SC-7 | Batch ID: | 16255 | RunNo: | 22385 | | | | | |
| Prep Date: | 11/5/2014 | Analysis Date: | 11/6/2014 | SeqNo: | 659846 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.049 | 0.9852 | 0 | 104 | 77.4 | 142 | 2.94 | 20 | |
| Toluene | 1.1 | 0.049 | 0.9852 | 0.01165 | 106 | 77 | 132 | 2.82 | 20 | |
| Ethylbenzene | 1.1 | 0.049 | 0.9852 | 0.009645 | 109 | 77.6 | 134 | 2.23 | 20 | |
| Xylenes, Total | 3.2 | 0.099 | 2.956 | 0.03770 | 108 | 77.4 | 132 | 2.98 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 0.9852 | | 103 | 80 | 120 | 0 | 0 | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1411139

RcptNo: 1

Received by/date: AT 11/05/14

Logged By: Anne Thorne 11/5/2014 7:30:00 AM *Anne Thorne*

Completed By: Anne Thorne 11/5/2014 *Anne Thorne*

Reviewed By: *mg* 11/05/14

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

- 4. Was an attempt made to cool the samples? Yes No NA
- 5. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
- 6. Sample(s) in proper container(s)? Yes No
- 7. Sufficient sample volume for indicated test(s)? Yes No
- 8. Are samples (except VOA and ONG) properly preserved? Yes No
- 9. Was preservative added to bottles? Yes No NA
- 10. VOA vials have zero headspace? Yes No No VOA Vials
- 11. Were any sample containers received broken? Yes No
- 12. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes No
- 13. Are matrices correctly identified on Chain of Custody? Yes No
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes No

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

- 16. 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: _____

17. Additional remarks:

18. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.0 | Good | Yes | | | |

Chain-of-Custody Record

Client: Animas Environmental Services, LLC

Vailing Address: 604 Pinon Farmington, NM 87401

Phone #: 505-564-2281

Email or Fax#:

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other _____

EDD (Type) _____

Turn-Around Time:

Standard Rush

Project Name:

CoP SJ 30-5 #240

Project #:

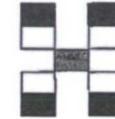
Project Manager:

E. Skyles

Sampler: E. Skyles

On Ice: Yes No

Sample Temperature: 1.0



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. | BTEX + MTBE + THMs (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO/DRO/MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Air Bubbles (Y or N) | |
|------|-------|--------|-------------------|----------------------|-------------------|----------|---------------------------|------------------------------|-------------------------|--------------------|--------------------|---------------------------|---------------|--|------------------------------|-------------|-----------------|----------------------|--|
| 4/14 | 13:25 | Soil | SC-6 | 1-4oz | cool | 141139 | X | X | | | | | | | | | | | |
| 4/14 | 13:53 | Soil | SC-7 | 1-4oz | cool | | X | X | | | | | | | | | | | |
| 4/14 | 13:32 | Soil | SC-8 | 1-4oz | cool | | X | X | | | | | | | | | | | |
| 4/14 | 14:30 | Soil | SC-9 | 1-4oz | cool | | X | X | | | | | | | | | | | |
| 4/14 | 13:40 | Soil | SC-10 | 1-4oz | cool | | X | X | | | | | | | | | | | |

Date: 4/14 Time: 1808 Relinquished by: [Signature]

Received by: [Signature] Date: 4/14 Time: 1808

Remarks: Bill to ConocoPhillips
NO # 20438868 Area: 8

Date: 4/14 Time: 1840 Relinquished by: [Signature]

Received by: [Signature] Date: 4/14 Time: 0730

SUPERVISOR: Mike Murphy Ordered by: Lisa Hunter
USER: KGARCIA

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.