

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|--|-----------------------------------|
| Name of Company Burlington Resources, a Wholly Owned Subsidiary of ConocoPhillips Company | Contact Lisa Hunter |
| Address 3401 E. 30th St., Farmington, NM 87402 | Telephone No. 505-326-9786 |
| Facility Name San Juan 28-4 Unit 27A | Facility Type Gas Well |
| Surface Owner Federal (USFS) | Mineral Owner Federal |
| API No. 3003926785 Lease No. NMNM03862 | |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|-----------|-------------|-------------|---------------|------------------|---------------|----------------|-------------------|
| O | 19 | 028N | 004W | 1060 | South | 1560 | East | Rio Arriba |

Latitude 36.64168 Longitude -107.28739

NATURE OF RELEASE

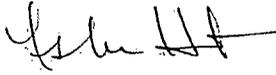
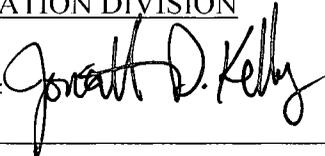
| | | |
|--|--|--|
| Type of Release Condensate | Volume of Release 13.4 BBLs | Volume Recovered 0 BBLs |
| Source of Release Production Tank | Date and Hour of Occurrence unknown | Date and Hour of Discovery 3/26/2013 @ 3:30 PM |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? OIL CONS. DIV DIST. 3 | |
| By Whom? | Date and Hour JUL 05 2013 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* The Production tank developed a small leak due to corrosion causing the release of 13.4 BBLs Condensate. The release remained within the berm, 0 BBLs were been recovered.

Describe Area Affected and Cleanup Action Taken.* ConocoPhillips Company will replace Production tank and assess the soils to determine further action, if needed. Excavation was 30' x 40' x 23' Deep (Sandstone). 1086 c/yds of soil was transported to IEI Land Farm and 1086 c/yds of clean soil was transported from Aztec Machine, and placed in the excavation site. Analytical results were below the regulatory standards on the walls and excavation terminated at sandstone. Received verbal authorization from NMOCD, BLM and USFS to leave in place and back fill. 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: 8/1/2013 | Expiration Date: |
| E-mail Address: lisa.hunter@conocophillips.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: July 1, 2013 | Phone: 505-326-9786 | |

* Attach Additional Sheets If Necessary

NJK 132133/526



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

June 24, 2013

Lisa Hunter
ConocoPhillips
San Juan Business Unit
Office 214-4
5525 Hwy 64
Farmington, New Mexico 87401

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

**RE: Initial Release Assessment and Final Excavation Report
San Juan 28-4 #27A
Rio Arriba County, New Mexico**

Dear Ms. Hunter:

On February 21, April 23, April 25, and April 29, 2013, Animas Environmental Services, LLC (AES) completed an initial release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (CoP) San Juan 28-4 #27A, located in Rio Arriba County, New Mexico. Following a reported release from the onsite below grade tank, AES completed an initial release assessment on February 21, 2013. The final excavation was completed by contractors prior to AES' arrival to the location on April 29, 2013.

1.0 Site Information

1.1 Location

Location - SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 19, T28N, R4W, Rio Arriba County, New Mexico
Well Head Latitude/Longitude – N36.64183 and W107.28809, respectively
Release Location Latitude/Longitude – N36.64162 and W107.28819, respectively
Land Jurisdiction – U.S. Forest Service
Figure 1. Topographic Site Location Map
Figure 2. Aerial Site Map, February 2013

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a C-144 form dated October 2009 for the San Juan 28-4 #27A reported the depth to groundwater as 130 feet below ground surface (bgs). The New Mexico

Office of the State Engineer (NMOSE) database was reviewed for nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the location. Additionally, Google Earth and the New Mexico Tech Petroleum Recovery Research Center online mapping tool (<http://ford.nmt.edu/react/project.html>) were accessed to aid in the identification of downgradient surface water.

Once on site, AES personnel further assessed the ranking using topographical interpretation, Global Positioning System (GPS) elevation readings, and visual reconnaissance. AES personnel concluded that depth to groundwater at the site was greater than 100 feet bgs. An unnamed wash is located approximately 800 feet north of the location and drains to Oso Canyon, while another unnamed wash located approximately 800 feet southwest and 800 feet southeast drains to Munoz Canyon. Based on this information, the location was assessed a ranking score of 10 per the NMOCD *Guidelines for Leaks, Spills, and Releases* (1993).

1.3 Assessments

AES was initially contacted by Lisa Hunter of CoP on February 18, 2013, and on February 21, 2013, Heather Woods and Corwin Lameman of AES completed the release assessment field work. The assessment included collection and field screening of 12 soil samples from four soil borings (SB-1 through SB-4). Based on field screening results, AES recommended excavation of the release area. Sample locations are shown on Figure 3.

On April 23, 2013, AES returned to the location to collect confirmation soil samples of the excavation. The field screening activities included collection of five confirmation soil samples (SC-1 through SC-5) of the walls and base of the excavation. The excavation was approximately 53 feet by 43 feet by 15 feet in depth. While on site, AES identified an area of concern near soil sample SC-5 where visible soil contamination was observed and confirmed during field screening. The excavation was extended to a depth of 18 feet, and on April 25, 2013, AES returned to collect soil sample SC-6. Based on field screening and laboratory analytical results, further excavation was recommended. The final depth of the excavation was determined by a competent sandstone layer encountered at 23 feet bgs. Sample SC-7 was collected from the base of the excavation on April 29, 2013. The final excavation was approximately 53 feet by 43 feet by 23 feet in depth. Sample locations and final excavation extents are shown on Figure 4.

2.0 Soil Sampling

A total of 12 soil samples from SB-1 through SB-4 and seven composite samples (SC-1 through SC-7) were collected during the assessments. All soil samples were field screened for volatile organic compounds (VOCs), and select soil samples were analyzed for total petroleum hydrocarbons (TPH). Six of the soil samples collected during the

assessment (SC-1 through SC-4, SC-6, and SC-7) were also submitted for confirmation laboratory analysis.

2.1 *Field Screening*

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 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 (SC-1 through SC-4, SC-6, and SC-7) 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. Soil samples were laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B/8260B.

Soil samples SC-6 and SC-7 were also laboratory analyzed for:

- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B.

2.3 *Field Screening and Laboratory Analytical Results*

On February 21, 2013, initial assessment field screening readings for VOCs via OVM ranged from 4.0 ppm in SB-1 up to 2,492 ppm in SB-3. Field TPH concentrations ranged from less than 20.0 mg/kg in SB-1 to greater than 5,000 mg/kg in SB-3.

On April 23, 2013, excavation field screening results for VOCs via OVM showed concentrations ranging from 259 ppm in SC-2 to 3,360 ppm in SC-5. Field TPH concentrations ranged from 50.6 mg/kg in SC-3 to greater than 2,500 mg/kg in SC-5. On

April 25, 2013, excavation field screening results for VOCs via OVM showed a concentration of 3,045 ppm in SC-6 and a field TPH concentration of 3,040 mg/kg. On April 29, 2013, field screening results for VOCs via OVM showed a concentration of 2,218 ppm and a field TPH concentration greater than 2,680 mg/kg in SC-7. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Screening Reports are attached.

Table 1. Soil Field Screening VOCs and TPH Results
 San Juan 28-4 #27A Initial Release Assessment and Final Excavation
 February and April 2013

| Sample ID | Date Sampled | Sample Depth (ft bgs) | VOCs via OVM (ppm) | Field TPH (mg/kg) |
|-----------------------------|---------------------|------------------------------|---------------------------|--------------------------|
| <i>NMOCDC Action Level*</i> | | | 100 | 1,000 |
| SB-1 | 2/21/13 | 0 | 4.0 | <20.0 |
| SB-2 | 2/21/13 | 0 | 1,561 | >2,500 |
| SB-3 | 2/21/13 | 0 | 1,901 | NA |
| | | 2 | 1,979 | NA |
| | | 3.5 | 2,492 | >5,000 |
| SB-4 | 2/21/13 | 0 | 1,463 | NA |
| | | 2 | 524 | NA |
| | | 4 | 1,930 | NA |
| | | 6 | 2,118 | NA |
| | | 8 | 2,359 | NA |
| SB-4 | 2/21/13 | 10 | 1,540 | NA |
| | | 12 | 2,091 | >2,500 |
| | | | | |
| SC-1 | 4/23/13 | 1 to 15 | 502 | 967 |
| SC-2 | 4/23/13 | 1 to 15 | 259 | 158 |
| SC-3 | 4/23/13 | 1 to 15 | 284 | 50.6 |
| SC-4 | 4/23/13 | 1 to 15 | 540 | 114 |
| SC-5 | 4/23/13 | 15 | 3,360 | >2,500 |
| SC-6 | 4/25/13 | 18 | 3,045 | 3,040 |
| SC-7 | 4/29/13 | 23 | 2,218 | 2,680 |

NA – Not Analyzed

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

In April 2013, laboratory analytical results for SC-1 through SC-4, SC-6, and SC-7 were used to confirm field screening results from excavation activities. Benzene concentrations ranged from less than 0.50 mg/kg in SC-1 through SC-4 and SC-7 up to 0.29 mg/kg in SC-6. BTEX concentrations ranged from 0.25 mg/kg in SC-3 up to 60 mg/kg in SC-6. TPH concentrations (as GRO/DRO) were reported at 2,300 mg/kg (SC-6) and 1,450 mg/kg (SC-7). Results are presented in Table 2 and on Figure 4. Laboratory analytical reports are attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH
 San Juan 28-4 #27A Final Excavation
 April 2013

| <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> |
|-----------------------------|---------------------|------------------------------|------------------------|---------------------------|--------------------|--------------------|
| NMOCOD Action Level* | | | 10 | 50 | 1,000 | |
| SC-1 | 4/23/13 | 1 to 15 | <0.50 | 4.7 | NA | NA |
| SC-2 | 4/23/13 | 1 to 15 | <0.050 | 2.1 | NA | NA |
| SC-3 | 4/23/13 | 1 to 15 | <0.050 | 0.25 | NA | NA |
| SC-4 | 4/23/13 | 1 to 15 | <0.50 | 1.7 | NA | NA |
| SC-6 | 4/25/13 | 18 | 0.29 | 60 | 900 | 1,400 |
| SC-7 | 4/29/13 | 23 | <0.50 | 24 | 350 | 1,100 |

NA – Not Analyzed

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

3.0 Conclusions and Recommendations

On February 21, 2013, AES conducted an initial assessment associated with a release from the onsite below grade tank at the San Juan 28-4 #27A. Action levels for releases are determined by the NMOCOD ranking score per *NMOCOD Guidelines for Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 10. Field screening results above the NMOCOD action levels of 100 ppm VOCs and 1,000 mg/kg TPH were reported in SB-2 through SB-4. The highest VOC concentration was 2,492 ppm in SB-3, and the highest TPH concentration was reported as greater than 5,000 mg/kg in SB-3.

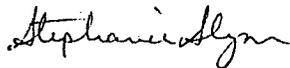
On April 23, April 25, and April 29, 2013, final assessment of the excavation area was completed. Field screening results of the excavation extents showed that VOC concentrations exceeded the NMOC action level of 100 ppm for VOCs in all of the final four walls and the base. Field TPH concentrations above the applicable NMOCOD action level of 1,000 mg/kg were reported in base samples SC-5 (>2,500 mg/kg), SC-6 (3,040

mg/kg), and SC-7 (2,680 mg/kg). Laboratory analytical results from April 23, 2013, reported benzene and total BTEX concentrations below NMOCD action levels in all of the final four walls. TPH concentrations as GRO/DRO were reported above the NMOCD action level of 1,000 mg/kg in SC-7, the final base sample, with 1,450 mg/kg. Continued excavation was not possible due to the presence of a competent sandstone layer at 23 feet bgs.

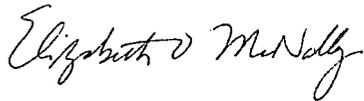
Based on final field screening and laboratory analytical results of the excavation of petroleum contaminated soils at the San Juan 28-4 #27A, benzene, total BTEX, and TPH concentrations were below applicable NMOCD action levels for each of the sidewalls of the excavation. However, the base of the excavation exceeded the applicable NMOCD action level for TPH. On April 30, 2013, Lisa Hunter of CoP received approval to backfill the excavation from Brandon Powell, NMOCD; J.J. Miller, U.S. Forest Service; and Mark Kelly, BLM. On May 1, 2013, the excavation was subsequently backfilled. No further work is recommended at the San Juan 28-4 #27A.

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

Sincerely,



Stephanie A. Lynn, EIT

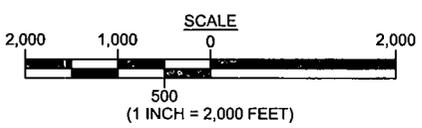
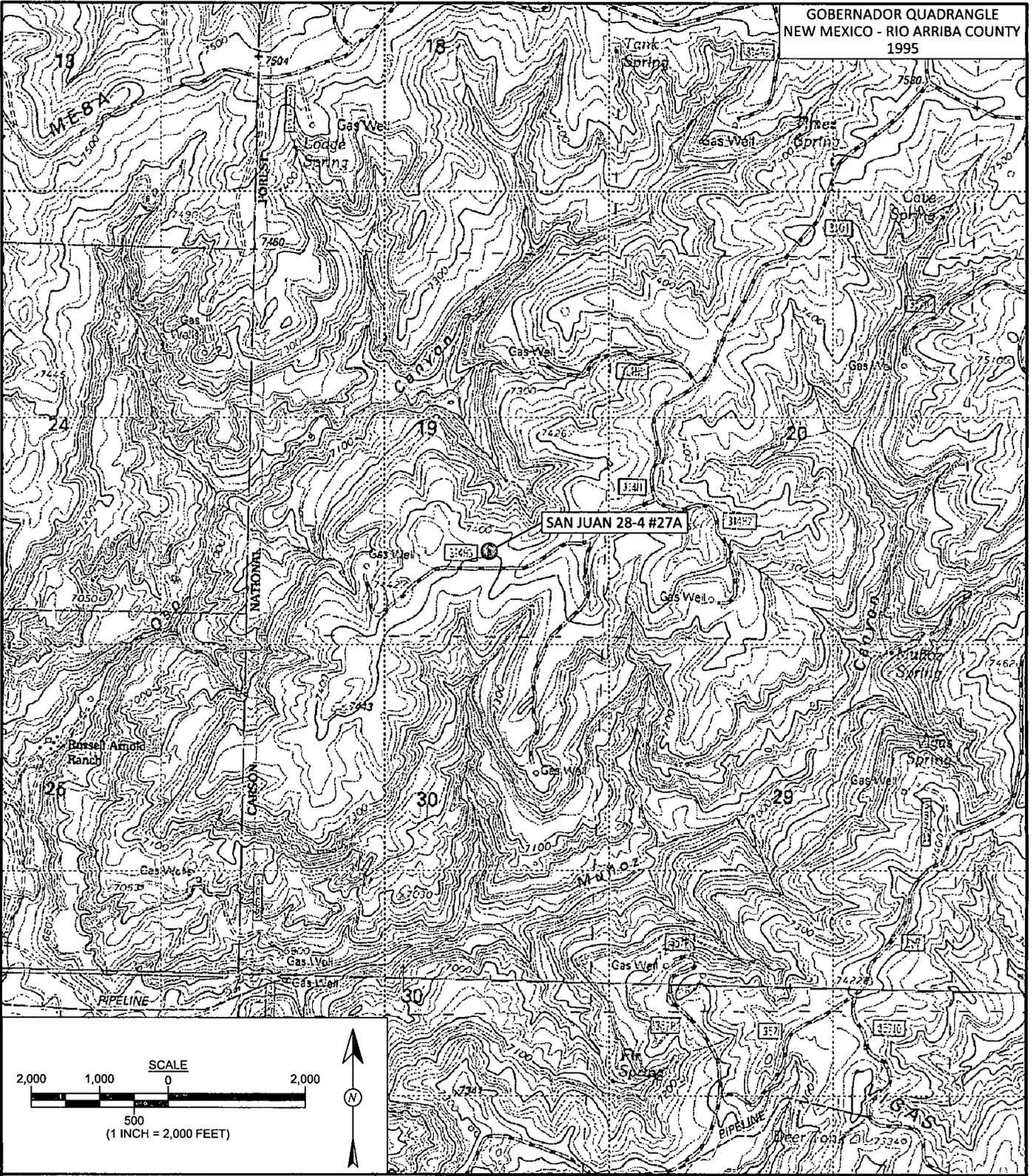


Elizabeth McNally, PE

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, February 2013
- Figure 3. Initial Assessment Sample Locations and Results, February 2013
- Figure 4. Final Excavation Sample Locations and Results, April 2013
- AES Field Screening Report 022113
- AES Field Screening Report 042313
- AES Field Screening Report 042513
- AES Field Screening Report 042913
- Hall Laboratory Analytical Report 1304948
- Hall Laboratory Analytical Report 1304A79
- Hall Laboratory Analytical Report 1304B57

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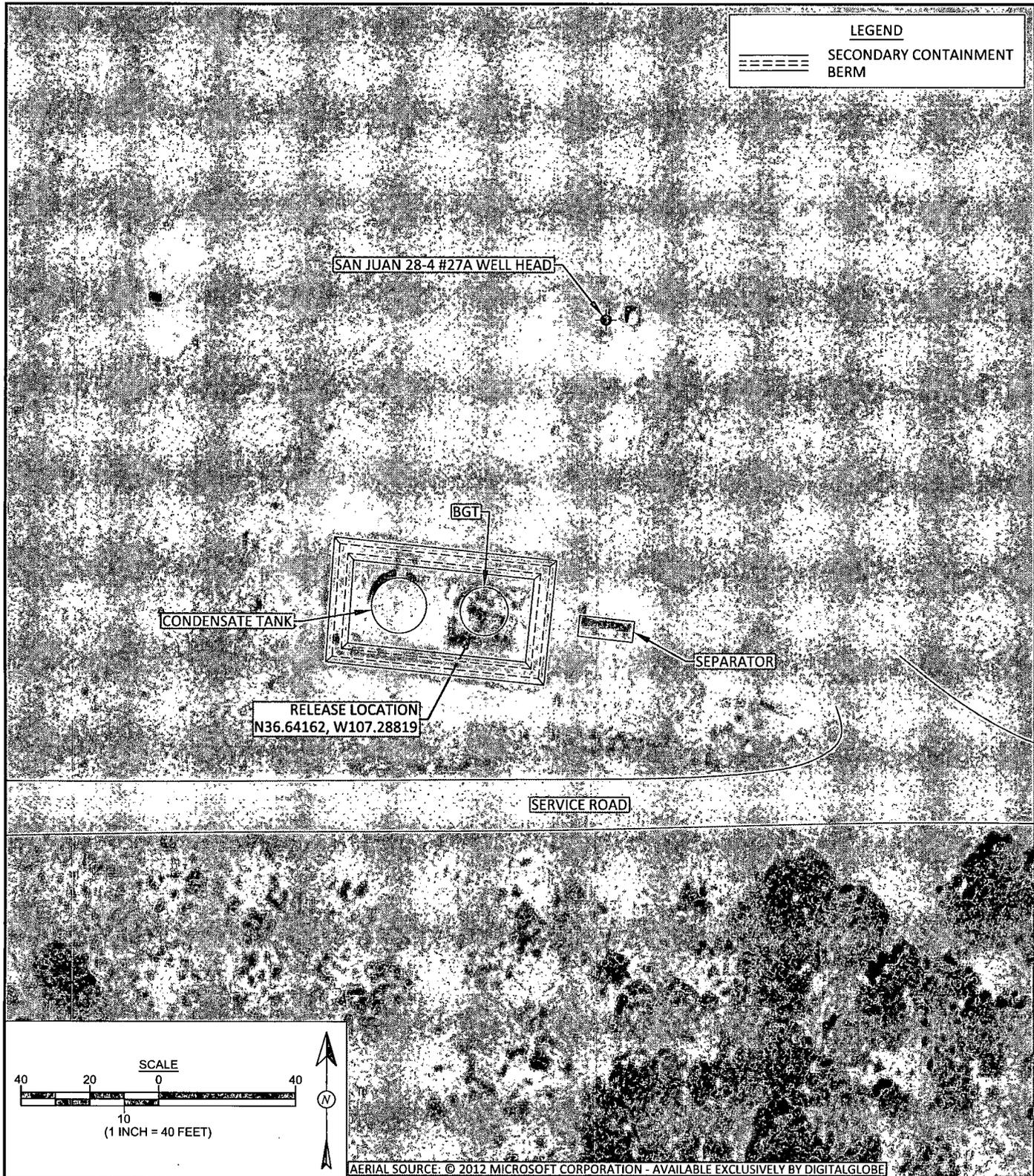


Animas Environmental Services, LLC

| | |
|------------------------------------|---|
| DRAWN BY: C. Lameman | DATE DRAWN: February 22, 2013 |
| REVISIONS BY: C. Lameman | DATE REVISED: February 22, 2013 |
| CHECKED BY: D. Watson | DATE CHECKED: June 11, 2013 |
| APPROVED BY: E. McNally | DATE APPROVED: June 11, 2013 |

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP
 ConocoPhillips
 SAN JUAN 28-4 #27A
 SW¼ SE¼, SECTION 19, T28N, R4W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.64183, W107.28809



Animas Environmental Services, LLC

| | |
|------------------------------------|---|
| DRAWN BY: C. Lameman | DATE DRAWN: February 22, 2013 |
| REVISIONS BY: C. Lameman | DATE REVISED: February 22, 2013 |
| CHECKED BY: D. Watson | DATE CHECKED: June 11, 2013 |
| APPROVED BY: E. McNally | DATE APPROVED: June 11, 2013 |

FIGURE 2

**AERIAL SITE MAP
 FEBRUARY 2013**
 ConocoPhillips
 SAN JUAN 28-4 #27A
 SW¼ SE¼, SECTION 19, T28N, R4W
 RIO ARRIBA COUNTY, NEW MEXICO
 N36.64183, W107.28809

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: San Juan 28-4 #27A

Date: 2/21/2013

Matrix: Soil

| Sample ID | Collection Date | Time of Sample Collection | OVM (ppm) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|--------------|-----------------|---------------------------|-----------|-----------------------------|--------------------|-----------------|----|-----------------------|
| SB-1@surface | 2/21/2013 | 11:40 | 4.0 | 15:26 | <20.0 | 20.0 | 1 | HMW |
| SB-2@surface | 2/21/2013 | 11:45 | 1,561 | 15:28 | >2,500 | 20.0 | 1 | HMW |
| SB-3@surface | 2/21/2013 | 11:49 | 1,901 | <i>Not Analyzed for TPH</i> | | | | |
| SB-3@ 2' | 2/21/2013 | 11:53 | 1,979 | <i>Not Analyzed for TPH</i> | | | | |
| SB-3@3.5' | 2/21/2013 | 11:56 | 2,492 | 15:31 | >5,000 | 40.0 | 1 | HMW |
| SB-4@surface | 2/21/2013 | 12:08 | 1,463 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@2' | 2/21/2013 | 12:10 | 524 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@4' | 2/21/2013 | 12:12 | 1,930 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@6' | 2/21/2013 | 12:14 | 2,118 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@8' | 2/21/2013 | 12:16 | 2,359 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@10' | 2/21/2013 | 12:18 | 1,540 | <i>Not Analyzed for TPH</i> | | | | |
| SB-4@12' | 2/21/2013 | 12:20 | 2,091 | 15:33 | >2,500 | 20.0 | 1 | HMW |

PQL Practical Quantitation Limit

ND Not Detected at the Reporting Limit

NA Not Analyzed

DF Dilution Factor

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analysts:

Leather M. Wood

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: San Juan 28-4 #27A

Date: 4/23/2013

Matrix: Soil

| Sample ID | Collection Date | Sample Depth (ft) | Time of Sample Collection | Sample Location | OVM (ppm) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|-------------------|---------------------------|-----------------|-----------|-------------------------|--------------------|-----------------|----|-----------------------|
| SC-1 | 4/23/2013 | 1 to 15 | 13:18 | North Wall | 502 | 14:26 | 967 | 20.0 | 1 | HMW |
| SC-2 | 4/23/2013 | 1 to 15 | 13:21 | South Wall | 259 | 14:28 | 158 | 20.0 | 1 | HMW |
| SC-3 | 4/23/2013 | 1 to 15 | 13:24 | East Wall | 284 | 14:30 | 50.6 | 20.0 | 1 | HMW |
| SC-4 | 4/23/2013 | 1 to 15 | 13:27 | West Wall | 540 | 14:33 | 114 | 20.0 | 1 | HMW |
| SC-5 | 4/23/2013 | 15 | 13:30 | Base | 3,360 | 14:37 | >2,500 | 20.0 | 1 | HMW |

PQL Practical Quantitation Limit

ND Not Detected at the Reporting Limit

NA Not Analyzed

DF Dilution Factor

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Heather M. Woods

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: San Juan 28-4 #27A

Date: 4/25/2013

Matrix: Soil

| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|---------------------------|-----------------|-----------|-------------------------|--------------------|-----------------|----|-----------------------|
| SC-6 | 4/25/2013 | 12:42 | Base | 3,045 | 12:59 | 3,040 | 200 | 10 | HMW |

PQL Practical Quantitation Limit

Total Petroleum Hydrocarbons - USEPA 418.1

NA Not Analyzed

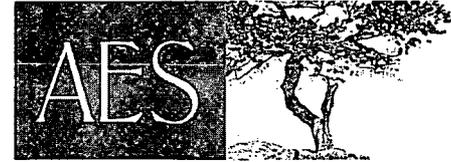
DF Dilution Factor

*Field TPH concentrations recorded may be below PQL.

Analysts:

Leather M. Woods

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

624 E. Comanche
Farmington, NM 87401
505-564-2281

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: San Juan 28-4 #27A

Date: 4/29/2013

Matrix: Soil

| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|---------------------------|-----------------|-----------|-------------------------|--------------------|-----------------|----|-----------------------|
| SC-7 | 4/29/2013 | 14:05 | Base | 2,218 | 14:34 | 2,680 | 200 | 10 | DAW |

PQL Practical Quantitation Limit

Total Petroleum Hydrocarbons - USEPA 418.1

ND Not Detected at the Reporting Limit

Analyst:

NA Not Analyzed

DF Dilution Factor

*Field TPH concentrations recorded may be below PQL.



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

April 29, 2013

Debbie Watson

Animas Environmental Services

624 East Comanche

Farmington, NM 87401

TEL: (505) 486-4071

FAX

RE: San Juan 28-4 # 27A

OrderNo.: 1304948

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 4 sample(s) on 4/24/2013 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. 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. 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.

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-1

Project: San Juan 28-4 # 27A

Collection Date: 4/23/2013 1:10:00 PM

Lab ID: 1304948-001

Matrix: MEOH (SOIL)

Received Date: 4/24/2013 9:54:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|--------|------|-------|----|----------------------|
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | Analyst: RAA |
| Benzene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 2:34:51 PM |
| Toluene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 2:34:51 PM |
| Ethylbenzene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 2:34:51 PM |
| Xylenes, Total | 4.7 | 1.0 | | mg/Kg | 10 | 4/24/2013 2:34:51 PM |
| Surr: 1,2-Dichloroethane-d4 | 93.5 | 70-130 | | %REC | 10 | 4/24/2013 2:34:51 PM |
| Surr: 4-Bromofluorobenzene | 88.0 | 70-130 | | %REC | 10 | 4/24/2013 2:34:51 PM |
| Surr: Dibromofluoromethane | 93.3 | 70-130 | | %REC | 10 | 4/24/2013 2:34:51 PM |
| Surr: Toluene-d8 | 92.7 | 70-130 | | %REC | 10 | 4/24/2013 2:34:51 PM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Client Sample ID: SC-3

Project: San Juan 28-4 # 27A

Collection Date: 4/23/2013 1:24:00 PM

Lab ID: 1304948-003

Matrix: MEOH (SOIL)

Received Date: 4/24/2013 9:54:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|--------|------|-------|----|----------------------|
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | Analyst: RAA |
| Benzene | ND | 0.050 | | mg/Kg | 1 | 4/24/2013 3:32:18 PM |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 4/24/2013 3:32:18 PM |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 4/24/2013 3:32:18 PM |
| Xylenes, Total | 0.25 | 0.10 | | mg/Kg | 1 | 4/24/2013 3:32:18 PM |
| Surr: 1,2-Dichloroethane-d4 | 92.9 | 70-130 | | %REC | 1 | 4/24/2013 3:32:18 PM |
| Surr: 4-Bromofluorobenzene | 97.9 | 70-130 | | %REC | 1 | 4/24/2013 3:32:18 PM |
| Surr: Dibromofluoromethane | 93.0 | 70-130 | | %REC | 1 | 4/24/2013 3:32:18 PM |
| Surr: Toluene-d8 | 101 | 70-130 | | %REC | 1 | 4/24/2013 3:32:18 PM |

| | | | | |
|--------------------|----|--|----|--|
| 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 |
| | 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 Services

Client Sample ID: SC-4

Project: San Juan 28-4 # 27A

Collection Date: 4/13/2013 1:27:00 PM

Lab ID: 1304948-004

Matrix: MEOH (SOIL)

Received Date: 4/24/2013 9:54:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|--------|------|-------|----|----------------------|
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | Analyst: RAA |
| Benzene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 4:00:53 PM |
| Toluene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 4:00:53 PM |
| Ethylbenzene | ND | 0.50 | | mg/Kg | 10 | 4/24/2013 4:00:53 PM |
| Xylenes, Total | 1.7 | 1.0 | | mg/Kg | 10 | 4/24/2013 4:00:53 PM |
| Surr: 1,2-Dichloroethane-d4 | 90.9 | 70-130 | | %REC | 10 | 4/24/2013 4:00:53 PM |
| Surr: 4-Bromofluorobenzene | 92.4 | 70-130 | | %REC | 10 | 4/24/2013 4:00:53 PM |
| Surr: Dibromofluoromethane | 94.9 | 70-130 | | %REC | 10 | 4/24/2013 4:00:53 PM |
| Surr: Toluene-d8 | 93.5 | 70-130 | | %REC | 10 | 4/24/2013 4:00:53 PM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304948

29-Apr-13

Client: Animas Environmental Services

Project: San Juan 28-4 # 27A

| Sample ID | 5ml rb | SampType: | MBLK | TestCode: | EPA Method 8260B: Volatiles Short List | | | | | |
|-----------------------------|--------|----------------|-----------|-------------|--|----------|-----------|------|----------|------|
| Client ID: | PBS | Batch ID: | R10086 | RunNo: | 10086 | | | | | |
| Prep Date: | | Analysis Date: | 4/24/2013 | SeqNo: | 287318 | 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: 1,2-Dichloroethane-d4 | 0.45 | | 0.5000 | | 89.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.46 | | 0.5000 | | 92.1 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.46 | | 0.5000 | | 92.3 | 70 | 130 | | | |

| Sample ID | 100ng lcs | SampType: | LCS | TestCode: | EPA Method 8260B: Volatiles Short List | | | | | |
|-----------------------------|-----------|----------------|-----------|-------------|--|----------|-----------|------|----------|------|
| Client ID: | LCSS | Batch ID: | R10086 | RunNo: | 10086 | | | | | |
| Prep Date: | | Analysis Date: | 4/24/2013 | SeqNo: | 287319 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.050 | 1.000 | 0 | 104 | 70 | 130 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.46 | | 0.5000 | | 93.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.47 | | 0.5000 | | 94.1 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.48 | | 0.5000 | | 96.0 | 70 | 130 | | | |

| Sample ID | 1304945-001a ms | SampType: | MS | TestCode: | EPA Method 8260B: Volatiles Short List | | | | | |
|-----------------------------|-----------------|----------------|-----------|-------------|--|----------|-----------|------|----------|------|
| Client ID: | BatchQC | Batch ID: | R10086 | RunNo: | 10086 | | | | | |
| Prep Date: | | Analysis Date: | 4/24/2013 | SeqNo: | 287325 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.050 | 1.000 | 0.003037 | 99.4 | 67.5 | 124 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 114 | 55.8 | 142 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5000 | | 93.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.47 | | 0.5000 | | 93.4 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.46 | | 0.5000 | | 91.6 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | | 0.5000 | | 102 | 70 | 130 | | | |

| Sample ID | 1304945-001a msd | SampType: | MSD | TestCode: | EPA Method 8260B: Volatiles Short List | | | | | |
|-----------------------------|------------------|----------------|-----------|-------------|--|----------|-----------|------|----------|------|
| Client ID: | BatchQC | Batch ID: | R10086 | RunNo: | 10086 | | | | | |
| Prep Date: | | Analysis Date: | 4/24/2013 | SeqNo: | 287340 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.95 | 0.050 | 1.000 | 0.003037 | 94.8 | 67.5 | 124 | 4.69 | 20 | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 110 | 55.8 | 142 | 3.63 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 0.46 | | 0.5000 | | 91.5 | 70 | 130 | 0 | 0 | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304948

29-Apr-13

Client: Animas Environmental Services

Project: San Juan 28-4 # 27A

| Sample ID | 1304945-001a msd | SampType: | MSD | TestCode: | EPA Method 8260B: Volatiles Short List | | | | | |
|----------------------------|------------------|----------------|-----------|-------------|--|----------|-----------|------|----------|------|
| Client ID: | BatchQC | Batch ID: | R10086 | RunNo: | 10086 | | | | | |
| Prep Date: | | Analysis Date: | 4/24/2013 | SeqNo: | 287340 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.46 | | 0.5000 | | 91.2 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 0.45 | | 0.5000 | | 90.3 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 0.51 | | 0.5000 | | 102 | 70 | 130 | 0 | 0 | |

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

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1304948

RcptNo: 1

Received by/date: AK 04/24/13

Logged By: **Lindsay Mangin** 4/24/2013 9:54:00 AM *Jamie H...*

Completed By: **Lindsay Mangin** 4/24/2013 10:11:42 AM *Jamie H...*

Reviewed By: mg 04/24/13

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? Client

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 | | | |



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

May 02, 2013

Debbie Watson

Animas Environmental
624 East Comanche
Farmington, NM 87401
TEL: (505) 486-4071
FAX

RE: COP San Juan 28-4 #27A

OrderNo.: 1304A79

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/26/2013 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. 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. 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.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", written in a cursive style.

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 San Juan 28-4 #27A

Collection Date: 4/25/2013 12:42:00 PM

Lab ID: 1304A79-001

Matrix: MEOH (SOIL)

Received Date: 4/26/2013 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|--------|------|-------|----|-----------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | Analyst: GSA |
| Diesel Range Organics (DRO) | 1400 | 100 | | mg/Kg | 10 | 4/26/2013 2:04:11 PM |
| Surr: DNOP | 0 | 63-147 | S | %REC | 10 | 4/26/2013 2:04:11 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 900 | 50 | | mg/Kg | 10 | 4/26/2013 11:34:23 AM |
| Surr: BFB | 763 | 80-120 | S | %REC | 10 | 4/26/2013 11:34:23 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | 0.29 | 0.25 | | mg/Kg | 10 | 4/26/2013 11:34:23 AM |
| Toluene | 0.59 | 0.50 | | mg/Kg | 10 | 4/26/2013 11:34:23 AM |
| Ethylbenzene | 4.4 | 0.50 | | mg/Kg | 10 | 4/26/2013 11:34:23 AM |
| Xylenes, Total | 55 | 1.0 | | mg/Kg | 10 | 4/26/2013 11:34:23 AM |
| Surr: 4-Bromofluorobenzene | 146 | 80-120 | S | %REC | 10 | 4/26/2013 11:34:23 AM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A79

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 #27A

| Sample ID MB-7181 | SampType: MBLK | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 7181 | | RunNo: 10141 | | | | | | | |
| Prep Date: 4/26/2013 | Analysis Date: 4/26/2013 | | SeqNo: 289038 | | 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 | 12 | | 10.00 | | 121 | 63 | 147 | | | |

| Sample ID LCS-7181 | SampType: LCS | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 7181 | | RunNo: 10141 | | | | | | | |
| Prep Date: 4/26/2013 | Analysis Date: 4/26/2013 | | SeqNo: 289039 | | 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 | 113 | 47.4 | 122 | | | |
| Surr: DNOP | 6.2 | | 5.000 | | 124 | 63 | 147 | | | |

| Sample ID MB-7211 | SampType: MBLK | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 7211 | | RunNo: 10208 | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 4/30/2013 | | SeqNo: 291165 | | Units: %REC | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.6 | | 10.00 | | 95.8 | 63 | 147 | | | |

| Sample ID LCS-7211 | SampType: LCS | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 7211 | | RunNo: 10208 | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 4/30/2013 | | SeqNo: 291166 | | Units: %REC | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.8 | | 5.000 | | 96.1 | 63 | 147 | | | |

| Sample ID 1304A59-001AMS | SampType: MS | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|---------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 7181 | | RunNo: 10208 | | | | | | | |
| Prep Date: 4/26/2013 | Analysis Date: 4/30/2013 | | SeqNo: 291811 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 33 | 10 | 50.00 | 11.40 | 42.9 | 12.6 | 148 | | | |
| Surr: DNOP | 3.3 | | 5.000 | | 65.9 | 63 | 147 | | | |

| Sample ID 1304A59-001AMSD | SampType: MSD | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | |
|----------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|--------|----------|------|
| Client ID: BatchQC | Batch ID: 7181 | | RunNo: 10208 | | | | | | | |
| Prep Date: 4/26/2013 | Analysis Date: 4/30/2013 | | SeqNo: 291812 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 33 | 10 | 50.00 | 11.40 | 42.9 | 12.6 | 148 | 0.0122 | 22.5 | |
| Surr: DNOP | 3.3 | | 5.000 | | 65.3 | 63 | 147 | 0 | 0 | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A79

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 #27A

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Sample ID | MB-7161 | SampType: | MBLK | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
| Client ID: | PBS | Batch ID: | R10142 | RunNo: | 10142 | | | | | |
| Prep Date: | 4/25/2013 | Analysis Date: | 4/26/2013 | SeqNo: | 289240 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Gasoline Range Organics (GRO)
Surr: BFB

ND 5.0
920 1000 92.3 80 120

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Sample ID | LCS-7161 | SampType: | LCS | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
| Client ID: | LCSS | Batch ID: | R10142 | RunNo: | 10142 | | | | | |
| Prep Date: | 4/25/2013 | Analysis Date: | 4/26/2013 | SeqNo: | 289241 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Gasoline Range Organics (GRO)
Surr: BFB

25 5.0 25.00 0 98.8 62.6 136
960 1000 96.3 80 120

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A79

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 #27A

| Sample ID | MB-7161 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|-----------|----------------|-----------|-------------|-----------------------------|----------|-----------|------|----------|------|
| Client ID: | PBS | Batch ID: | R10142 | RunNo: | 10142 | | | | | |
| Prep Date: | 4/25/2013 | Analysis Date: | 4/26/2013 | SeqNo: | 289267 | 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 | 1.1 | | 1.000 | | 107 | 80 | 120 | | | |

| Sample ID | LCS-7161 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|-----------|----------------|-----------|-------------|-----------------------------|----------|-----------|------|----------|------|
| Client ID: | LCSS | Batch ID: | R10142 | RunNo: | 10142 | | | | | |
| Prep Date: | 4/25/2013 | Analysis Date: | 4/26/2013 | SeqNo: | 289268 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.050 | 1.000 | 0 | 112 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 107 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 108 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 110 | 80 | 120 | | | |

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

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1304A79

RcptNo: 1

Received by/date: *[Signature]* 04/26/13
 Logged By: Ashley Gallegos 4/26/2013 10:00:00 AM
 Completed By: Ashley Gallegos 4/26/2013 10:20:27 AM
 Reviewed By: *[Signature]* 04/26/2013

[Signature]
[Signature]

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? Yes No # of preserved bottles checked for pH: (2 or >12 unless noted)
- 13. Are matrices correctly identified on Chain of Custody? Yes No Adjusted?
- 14. Is it clear what analyses were requested? Yes No
- 15. Were all holding times able to be met? Yes No 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 | | | |



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

May 02, 2013

Debbie Watson
Animas Environmental
624 East Comanche
Farmington, NM 87401
TEL: (505) 486-4071
FAX

RE: COP San Juan 28-4 # 27A

OrderNo.: 1304B57

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 4/30/2013 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. 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. 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.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-7

Project: COP San Juan 28-4 # 27A

Collection Date: 4/29/2013 2:05:00 PM

Lab ID: 1304B57-001

Matrix: MEOH (SOIL)

Received Date: 4/30/2013 9:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|--------|------|-------|----|-----------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | Analyst: GSA |
| Diesel Range Organics (DRO) | 1100 | 100 | | mg/Kg | 10 | 4/30/2013 2:25:06 PM |
| Surr: DNOP | 176 | 63-147 | S | %REC | 10 | 4/30/2013 2:25:06 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 350 | 100 | | mg/Kg | 20 | 4/30/2013 11:34:16 AM |
| Surr: BFB | 229 | 80-120 | S | %REC | 20 | 4/30/2013 11:34:16 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.50 | | mg/Kg | 20 | 4/30/2013 11:34:16 AM |
| Toluene | 2.4 | 1.0 | | mg/Kg | 20 | 4/30/2013 11:34:16 AM |
| Ethylbenzene | 1.3 | 1.0 | | mg/Kg | 20 | 4/30/2013 11:34:16 AM |
| Xylenes, Total | 20 | 2.0 | | mg/Kg | 20 | 4/30/2013 11:34:16 AM |
| Surr: 4-Bromofluorobenzene | 113 | 80-120 | | %REC | 20 | 4/30/2013 11:34:16 AM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304B57

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 # 27A

| Sample ID: MB-7211 | SampType: MBLK | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 7211 | RunNo: 10208 | | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 4/30/2013 | SeqNo: 291165 | 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 | 9.6 | | 10.00 | | 95.8 | 63 | 147 | | | |

| Sample ID: LCS-7211 | SampType: LCS | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 7211 | RunNo: 10208 | | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 4/30/2013 | SeqNo: 291166 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49 | 10 | 50.00 | 0 | 97.9 | 47.4 | 122 | | | |
| Surr: DNOP | 4.8 | | 5.000 | | 96.1 | 63 | 147 | | | |

| Sample ID: 1304B05-001AMS | SampType: MS | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 7211 | RunNo: 10223 | | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 4/30/2013 | SeqNo: 291657 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 74 | 10 | 50.40 | 12.21 | 123 | 12.6 | 148 | | | |
| Surr: DNOP | 7.5 | | 5.040 | | 148 | 63 | 147 | | | S |

| Sample ID: 1304B05-001AMSD | SampType: MSD | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BatchQC | Batch ID: 7211 | RunNo: 10223 | | | | | | | | |
| Prep Date: 4/29/2013 | Analysis Date: 5/1/2013 | SeqNo: 291658 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 68 | 10 | 50.25 | 12.21 | 112 | 12.6 | 148 | 7.96 | 22.5 | |
| Surr: DNOP | 6.8 | | 5.025 | | 135 | 63 | 147 | 0 | 0 | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304B57

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 # 27A

| | | | | | | | | | | |
|-------------------------------|-----------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Sample ID | MB-7205 | SampType: | MBLK | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
| Client ID: | PBS | Batch ID: | R10203 | RunNo: | 10203 | | | | | |
| Prep Date: | 4/29/2013 | Analysis Date: | 4/30/2013 | SeqNo: | 291428 | 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 | 910 | | 1000 | | 91.2 | 80 | 120 | | | |

| | | | | | | | | | | |
|-------------------------------|-----------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Sample ID | LCS-7205 | SampType: | LCS | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
| Client ID: | LCSS | Batch ID: | R10203 | RunNo: | 10203 | | | | | |
| Prep Date: | 4/29/2013 | Analysis Date: | 4/30/2013 | SeqNo: | 291429 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 99.5 | 62.6 | 136 | | | |
| Surr: BFB | 990 | | 1000 | | 99.3 | 80 | 120 | | | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304B57

02-May-13

Client: Animas Environmental
Project: COP San Juan 28-4 # 27A

| Sample ID | MB-7205 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|-----------|----------------|-----------|-------------|-----------------------------|----------|-----------|------|----------|------|
| Client ID: | PBS | Batch ID: | R10203 | RunNo: | 10203 | | | | | |
| Prep Date: | 4/29/2013 | Analysis Date: | 4/30/2013 | SeqNo: | 291470 | 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 | 1.0 | | 1.000 | | 102 | 80 | 120 | | | |

| Sample ID | LCS-7205 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
|----------------------------|-----------|----------------|-----------|-------------|-----------------------------|----------|-----------|------|----------|------|
| Client ID: | LCSS | Batch ID: | R10203 | RunNo: | 10203 | | | | | |
| Prep Date: | 4/29/2013 | Analysis Date: | 4/30/2013 | SeqNo: | 291471 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 103 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 102 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 105 | 80 | 120 | | | |

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

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1304B57

RcptNo: 1

Received by/date: [Signature] 04/30/13

Logged By: Lindsay Mangin 4/30/2013 9:55:00 AM [Signature]

Completed By: Lindsay Mangin 4/30/2013 10:01:37 AM [Signature]

Reviewed By: IO 04/30/2013

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? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

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 | 2.5 | Good | Yes | | | |

