

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 Ashley Maxwell | |
| Address 3401 E. 30th St., Farmington, NM 87402 | Telephone No. 505-324-5169 | |
| Facility Name: San Juan 29-7 Unit #82A | Facility Type: Gas Well | |
| Surface Owner: Federal | Mineral Owner: Federal | API No. 3003921622 Lease No. SF-078919 |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------|
| O | 04 | 29N | 07W | 890' | South | 1630' | East | Rio Arriba |

Latitude 36.74989 Longitude -107.57227

NATURE OF RELEASE

| | | |
|--|--|----------------------------|
| Type of Release - Unknown Produced Fluids | Volume of Release - Unknown | Volume Recovered |
| Source of Release - Below Grade Tank | Date and Hour of Occurrence - Unknown | Date and Hour of Discovery |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? RCVD AUG 6 '12 | |
| By Whom? | Date and Hour | OIL CONS. DIV. |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | DIST. 3 |

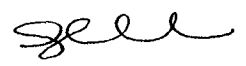
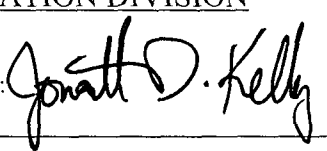
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Below Grade Tank Closure Activities

Describe Area Affected and Cleanup Action Taken.*

The below grade tank field sample results were above regulatory standard by USEPA method 418.1 for TPH @ 2,570 ppm, confirming a release. The regulatory standard for closure at this site was determined to be 5,000 ppm. Additionally, the sample was then transported to the lab and analytical results for TPH, BTEX and Chlorides were below the regulatory standards set forth in the NMOCD Guidelines for Remediation of Leaks, Spills and Release; therefore no further action is required.

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: Ashley Maxwell | Approved by Environmental Specialist:  | |
| Title: Field Environmental Specialist | Approval Date: 9/5/2014 | Expiration Date: |
| E-mail Address: ashley.p.wethington@conocophillips.com | Conditions of Approval: BGT Closure Permit needs to be filed on C-144 | Attached <input type="checkbox"/> |
| Date: August 2, 2012 | Phone: 505-324-5169 | |

* Attach Additional Sheets If Necessary

njk 1424854911



Animas Environmental Services, LLC

www.animasenvironmental.com

June 27, 2012

Ashley Maxwell
ConocoPhillips
San Juan Business Unit
Office 216-2
5525 Hwy 64
Farmington, New Mexico 87401

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

Durango, Colorado
970-403-3274

**RE: San Juan 29-7 #82A Below Grade Tank Closure and Release Report
Rio Arriba County, New Mexico**

Dear Ms. Maxwell:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure and release confirmation at ConocoPhillips (CoP) San Juan 29-7 #82A, located in Rio Arriba County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name – San Juan 29-7 #82A
Legal Description - SW¼ SE¼, Section 4, T29N, R7W, Rio Arriba County, New Mexico
Well Latitude/Longitude – N36.74998 and W107.57274, respectively
BGT Latitude/Longitude - N36.75008 and W107.57266, respectively
Land Jurisdiction - Bureau of Land Management (BLM)
Figure 1 - Topographic Site Location Map
Figure 2 - General Site Map, June 2012

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a Cathodic Report dated May 13, 1991, indicated groundwater to be 190 feet below ground surface (bgs). Additionally, the New Mexico Office of the State Engineer (NMOSE) database was reviewed, and no registered water wells are located within 1,000 feet of the location. Once on site, AES personnel assessed the ranking using known information of the area, 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, and the location is not within a well-head protection area. Distance to the nearest surface water, a small pond, is located approximately 1,200 feet to the west. The wash in Gobernador Canyon is located about 2,000 feet to the southwest. The site location has been assigned a ranking score of 0 per the NMOCD *Guidelines for Leaks, Spills, and Releases* (1993).

1.3 BGT Closure Assessment

AES was initially contacted by Spur Mackey, CoP representative, on June 5, 2012, and on June 7, 2012, Deborah Watson and Heather Woods of AES mobilized to the location.

AES personnel collected five soil samples (S-1 through S-5) from the below the BGT. Four samples were collected from the perimeter of the BGT footprint, and one sample was collected from the center of the BGT footprint. A 5-point composite sample (SC-1) of the BGT footprint was collected for confirmation laboratory analysis.

2.0 Soil Sampling

On June 7, 2012, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) and one 5-point composite (SC-1) from below the BGT. Soil samples were collected from approximately 0.5 feet below the former BGT for volatile organic compounds (VOCs), total petroleum hydrocarbon (TPH), and chlorides. Soil sample SC-1 was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

2.1 Soil Field Screening

2.1.1 Volatile Organic Compounds

A portion of each sample was utilized for field screening of VOC vapors 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

Soil samples were also analyzed in the field for TPH 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*.

2.1.3 Chlorides

Soil samples were field screened for chlorides using Chloride Drop Count Titration with silver nitrate. Sampling and analysis methods followed procedures provided by Hach Company.

2.2 Soil Laboratory Analyses

The composite soil sample SC-1 collected for laboratory analysis was placed into a new, clean, laboratory-supplied container, which was then labeled, placed on ice, and logged onto a sample chain of custody record. The sample was maintained on ice until delivery to the analytical laboratory, Hall Environmental Analysis Laboratory (Hall), in Albuquerque, New Mexico. The soil sample was laboratory analyzed for:

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B;
- Total petroleum hydrocarbons (TPH) for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015B;
- Chlorides per USEPA Method 300.0.

2.3 Soil Field and Laboratory Analytical Results

Field screening for VOCs via OVM showed readings ranging from 2,855 ppm in S-2 to greater than 5,000 ppm in S-5. Field TPH concentrations ranged from 187 mg/kg in S-3 up to 2,570 mg/kg in S-5. Field chloride concentrations were between 40 and 60 mg/kg. Field screening VOC and TPH results are summarized in Table 1 and on Figure 2. The AES field screening report is attached.

Table 1. Soil Field Screening OVM, TPH and Chloride Results
 SJ 29-7 #82A BGT Closure, June 2012

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Depth below BGT (ft)</i> | <i>VOCs OVM Reading (ppm)</i> | <i>Field TPH (mg/kg)</i> | <i>Chloride (mg/kg)</i> |
|--|---------------------|-----------------------------|-------------------------------|--------------------------|-------------------------|
| NMOCDA Action Level (NMAC 19.15.17.13E) | | | -- | 100 | 250 |
| S-1 | 06/07/12 | 0.5 | 4,619 | 275 | 40 |
| S-2 | 06/07/12 | 0.5 | 2,855 | 838 | 60 |
| S-3 | 06/07/12 | 0.5 | 3,285 | 187 | 60 |
| S-4 | 06/07/12 | 0.5 | 3,116 | 1,470 | 60 |
| S-5 | 06/07/12 | 0.5 | >5,000 | 2,570 | 60 |

Laboratory analytical results for SC-1 showed that the benzene and total BTEX concentrations were below the laboratory detection limits of 0.50 mg/kg and 2.5 mg/kg,

respectively. TPH concentrations were reported at 88 mg/kg GRO and 490 mg/kg DRO, and the chloride concentration was below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results, SJ 29-7 #82A BGT Closure, June 2012

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Depth (ft)</i> | <i>Benzene (mg/kg)</i> | <i>BTEX (mg/kg)</i> | <i>TPH-GRO (mg/kg)</i> | <i>TPH-DRO (mg/kg)</i> | <i>Chlorides (mg/kg)</i> |
|---|---------------------|-------------------|------------------------|---------------------|------------------------|------------------------|--------------------------|
| NMOCD Action Level (NMAC 19.15.17.13E) | | | 0.2/10* | 50 | 100/5,000* | | 250 |
| SC-1 | 06/07/12 | 0.5 | <0.50 | <2.5 | 88 | 490 | <30 |

*Action level determined by the NMOCD ranking score per NMAC 19.15.17.13E and *NMOCD Guidelines for Leaks, Spills, and Releases* (August 1993)

3.0 Conclusions

3.1 BGT Closure


NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations for samples S-1 through S-5 were above the applicable NMOCD action level of 100 mg/kg with concentrations ranging from 187 mg/kg in S-3 up to 2,570 mg/kg in S-5. Based on field screening results on June 7, 2012, a release is confirmed at the SJ 29-7 #82A BGT location.

3.2 Release Confirmation

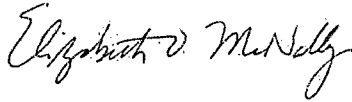
NMOCD action levels for releases are specified NMOCD's *Guidelines for Leaks, Spills, and Releases* (August 1993). Soil laboratory analyses showed that benzene, BTEX, TPH and chloride concentrations were below the NMOCD action levels for SC-1. Release notification should follow the protocols outlined in NMAC 19.15.29 and 30. No further work is recommended.

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

Sincerely,



Heather Woods
Geologist

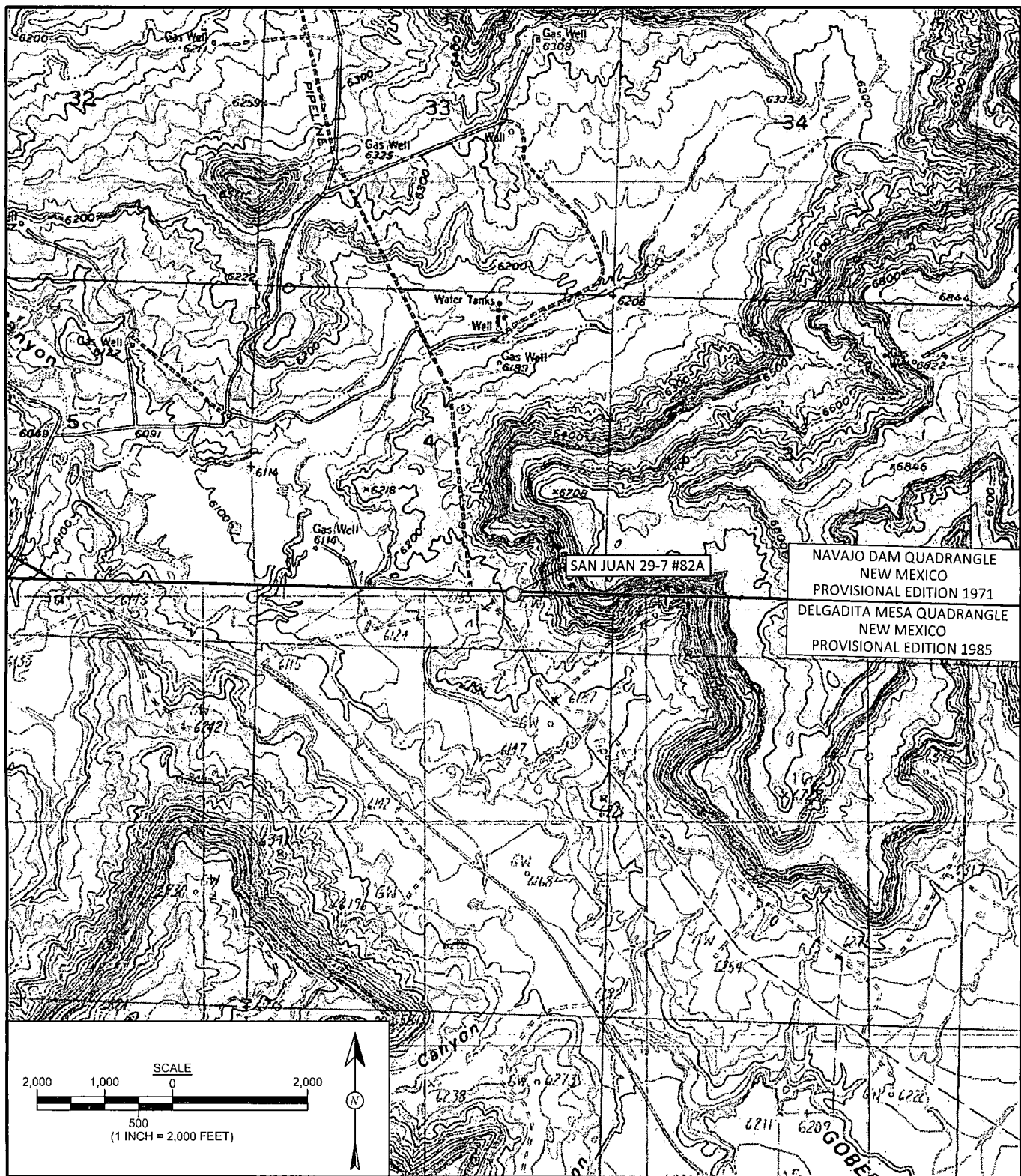


Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. General Site Map, June 2012
- AES Field Screening Report 060712
- Hall Analytical Report 1206333

S:\Animas 2000\2012 Projects\Conoco Phillips\SJ 29-7 #82A\BGT Closure Report SJ 29-7 #82A
062712.docx



Animas Environmental Services, LLC

| | |
|-----------------------------------|--|
| DRAWN BY: N. Willis | DATE DRAWN: June 18, 2012 |
| REVISIONS BY: N. Willis | DATE REVISED: June 18, 2012 |
| CHECKED BY: D. Watson | DATE CHECKED: June 18, 2012 |
| APPROVED BY: E. McNally | DATE APPROVED: June 27, 2012 |

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

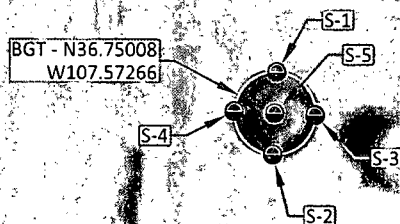
ConocoPhillips
SAN JUAN 29-7 #82A
RIO ARriba COUNTY, NEW MEXICO
SW¼, SE¼, SECTION 4, T29N, R7W
N36.74998, W107.57274

| Field Screening Results | | | | |
|-------------------------|--------|---------------|-------------|-------------------|
| Sample ID | Date | OVM-PID (ppm) | TPH (mg/kg) | Chlorides (mg/kg) |
| NMOCD ACTION LEVEL | | NE | 5,000 | 250 |
| S-1 | 6/7/12 | 4,619 | 275 | 40 |
| S-2 | 6/7/12 | 2,855 | 838 | 60 |
| S-3 | 6/7/12 | 3,285 | 187 | 60 |
| S-4 | 6/7/12 | 3,116 | 1,470 | 60 |
| S-5 | 6/7/12 | >5,000 | 2,570 | 60 |

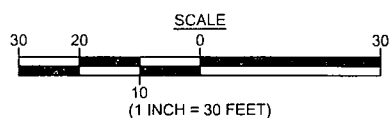
| Laboratory Analytical Results | | | | | | |
|-------------------------------|--------|-----------------|--------------------|-------------------|-------------------|-------------------|
| Sample ID | Date | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH - GRO (mg/kg) | TPH - DRO (mg/kg) | Chlorides (mg/kg) |
| NMOCD ACTION LEVEL | | 10 | 50 | 5,000 | | 250 |
| SC-1 | 6/7/12 | <0.50 | <2.5 | 88 | 490 | <30 |

NOTE: SC-1 WAS ANALYZED PER EPA METHOD 8021B, 8015B AND 300.0.
SC-1 IS A 5 POINT COMPOSITE SAMPLE OF S-1 THROUGH S-5.

LEGEND
● SAMPLE LOCATIONS



SAN JUAN 29-7 #82A WELLHEAD



MAP SOURCE: (c) 2012 Microsoft Corporation Available Exclusively By DigitalGlobe



Animas Environmental Services, LLC

| | |
|----------------------------|---------------------------------|
| DRAWN BY: N. Willis | DATE DRAWN: June 18, 2012 |
| REVISIONS BY: N. Willis | DATE REVISED: June 18, 2012 |
| CHECKED BY: D. Watson | DATE CHECKED: June 18, 2012 |
| APPROVED BY: E. McNally | DATE APPROVED: June 27, 2012 |

FIGURE 2
GENERAL SITE MAP
BELOW GRADE TANK CLOSURE
JUNE 2012
ConocoPhillips
SAN JUAN 29-7 #82A
RIO ARriba COUNTY, NEW MEXICO
SW¼, SE¼, SECTION 4, T29N, R7W
N36.74998, W107.57274

AES Field Screening Report



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado
970-403-3274

Client: ConocoPhillips

Project Location: SJ 29-7 #82A

Date: 6/7/2012

Matrix: Soil

| Sample ID North BGT | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | Field Chloride (mg/kg) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|------------------------|--------------------|---------------------------------|--------------------|--------------|------------------------------|-------------------------------|-----------------------|--------------------|----|-----------------------------|
| S-1 | 6/7/2012 | 9:15 | North | 4,619 | 40 | 10:45 | 275 | 20.0 | 1 | DAW |
| S-2 | 6/7/2012 | 9:19 | South | 2,855 | 60 | 10:50 | 838 | 20.0 | 1 | DAW |
| S-3 | 6/7/2012 | 9:22 | East | 3,285 | 60 | 10:56 | 187 | 20.0 | 1 | DAW |
| S-4 | 6/7/2012 | 9:25 | West | 3,116 | 60 | 10:59 | 1,470 | 20.0 | 1 | DAW |
| S-5 | 6/7/2012 | 9:28 | Center | >5,000 | 60 | 11:10 | 2,570 | 20.0 | 1 | DAW |

PQL Practical Quantitation Limit
ND Not Detected at the Reporting Limit
DF Dilution Factor

*Field TPH concentrations recorded may be below PQL.

Field Chloride - Quantab Chloride Titrators or Drop Count Titration with Silver Nitrate

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Debrah Wata



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

June 11, 2012

Ross Kennemer

Animas Environmental Services

624 East Comanche

Farmington, NM 87401

TEL: (505) 486-1776

FAX (505) 324-2022

RE: CoP San Juan 29-7 82A

OrderNo.: 1206333

Dear Ross Kennemer:

Hall Environmental Analysis Laboratory received 2 sample(s) on 6/8/2012 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.

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1206333

Date Reported: 6/11/2012

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Animas Environmental Services**Client Sample ID:** SC-1**Project:** CoP San Juan 29-7 82A**Collection Date:** 6/7/2012 9:35:00 AM**Lab ID:** 1206333-001**Matrix:** MEOH (SOIL)**Received Date:** 6/8/2012 9:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|----------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JMP |
| Diesel Range Organics (DRO) | 490 | 98 | | mg/Kg | 10 | 6/8/2012 11:51:42 AM |
| Surr: DNOP | 0 | 77.6-140 | S | %REC | 10 | 6/8/2012 11:51:42 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 88 | 50 | | mg/Kg | 10 | 6/8/2012 1:17:47 PM |
| Surr: BFB | 295 | 69.7-121 | S | %REC | 10 | 6/8/2012 1:17:47 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.50 | | mg/Kg | 10 | 6/8/2012 1:17:47 PM |
| Toluene | ND | 0.50 | | mg/Kg | 10 | 6/8/2012 1:17:47 PM |
| Ethylbenzene | ND | 0.50 | | mg/Kg | 10 | 6/8/2012 1:17:47 PM |
| Xylenes, Total | ND | 1.0 | | mg/Kg | 10 | 6/8/2012 1:17:47 PM |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | | %REC | 10 | 6/8/2012 1:17:47 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SRM |
| Chloride | ND | 30 | | mg/Kg | 20 | 6/8/2012 11:22:14 AM |

Qualifiers: * / X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
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
RL Reporting Detection Limit

Analytical Report

Lab Order 1206333

Date Reported: 6/11/2012

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Animas Environmental Services**Client Sample ID:** SC-2**Project:** CoP San Juan 29-7 82A**Collection Date:** 6/7/2012 11:45:00 AM**Lab ID:** 1206333-002**Matrix:** MEOH (SOIL)**Received Date:** 6/8/2012 9:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|----------------------|
| EPA METHOD 8015B: DIESEL RANGE ORGANICS | | | | | | Analyst: JMP |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 6/8/2012 11:26:04 AM |
| Surr: DNOP | 112 | 77.6-140 | | %REC | 1 | 6/8/2012 11:26:04 AM |
| EPA METHOD 8015B: GASOLINE RANGE | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/8/2012 12:48:02 PM |
| Surr: BFB | 93.1 | 69.7-121 | | %REC | 1 | 6/8/2012 12:48:02 PM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.050 | | mg/Kg | 1 | 6/8/2012 12:48:02 PM |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/8/2012 12:48:02 PM |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/8/2012 12:48:02 PM |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 6/8/2012 12:48:02 PM |
| Surr: 4-Bromofluorobenzene | 97.9 | 80-120 | | %REC | 1 | 6/8/2012 12:48:02 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: SRM |
| Chloride | ND | 30 | | mg/Kg | 20 | 6/8/2012 11:34:38 AM |

Qualifiers: */X Value exceeds Maximum Contaminant Level.
 E Value above quantitation range
 J Analyte detected below quantitation limits
 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
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206333

11-Jun-12

Client: Animas Environmental Services

Project: CoP San Juan 29-7 82A

| | | | | | | | | | | |
|------------|----------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID | MB-2302 | SampType: | MBLK | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: | 2302 | RunNo: | 3315 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 92200 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|------------|----------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID | LCS-2302 | SampType: | LCS | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | LCSS | Batch ID: | 2302 | RunNo: | 3315 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 92201 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 96.2 | 90 | 110 | | | |

| | | | | | | | | | | |
|------------|----------------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID | 1206336-001BMS | SampType: | MS | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | BatchQC | Batch ID: | 2302 | RunNo: | 3315 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 92254 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 30 | 15.00 | 0 | 119 | 74.6 | 118 | | | S |

| | | | | | | | | | | |
|------------|-----------------|----------------|-----------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID | 1206336-001BMSD | SampType: | MSD | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | BatchQC | Batch ID: | 2302 | RunNo: | 3315 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 92255 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 30 | 15.00 | 0 | 119 | 74.6 | 118 | 0 | 20 | S |

Qualifiers:

*X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD 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
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206333

11-Jun-12

Client: Animas Environmental Services

Project: CoP San Juan 29-7 82A

| | | | | | | | | | | |
|-----------------------------|----------|----------------|-----------|-------------|---|----------|-----------|------|----------|------|
| Sample ID | MB-2300 | SampType: | MBLK | TestCode: | EPA Method 8015B: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 2300 | RunNo: | 3291 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 91877 | 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 | 13 | | 10.00 | | 126 | 77.6 | 140 | | | |

| | | | | | | | | | | |
|-----------------------------|----------|----------------|-----------|-------------|---|----------|-----------|------|----------|------|
| Sample ID | LCS-2300 | SampType: | LCS | TestCode: | EPA Method 8015B: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 2300 | RunNo: | 3291 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 91992 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 10 | 50.00 | 0 | 96.3 | 52.6 | 130 | | | |
| Surr: DNOP | 5.3 | | 5.000 | | 106 | 77.6 | 140 | | | |

| | | | | | | | | | | |
|-----------------------------|----------------|----------------|-----------|-------------|---|----------|-----------|------|----------|------|
| Sample ID | 1206302-001AMS | SampType: | MS | TestCode: | EPA Method 8015B: Diesel Range Organics | | | | | |
| Client ID: | BatchQC | Batch ID: | 2300 | RunNo: | 3318 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/9/2012 | SeqNo: | 92453 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 41 | 10 | 51.49 | 0 | 80.0 | 57.2 | 146 | | | |
| Surr: DNOP | 4.7 | | 5.149 | | 92.0 | 77.6 | 140 | | | |

| | | | | | | | | | | |
|-----------------------------|-----------------|----------------|-----------|-------------|---|----------|-----------|------|----------|------|
| Sample ID | 1206302-001AMSD | SampType: | MSD | TestCode: | EPA Method 8015B: Diesel Range Organics | | | | | |
| Client ID: | BatchQC | Batch ID: | 2300 | RunNo: | 3318 | | | | | |
| Prep Date: | 6/8/2012 | Analysis Date: | 6/9/2012 | SeqNo: | 92454 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 43 | 10 | 52.14 | 0 | 82.3 | 57.2 | 146 | 3.97 | 24.5 | |
| Surr: DNOP | 4.8 | | 5.214 | | 92.8 | 77.6 | 140 | 0 | 0 | |

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206333

11-Jun-12

Client: Animas Environmental Services

Project: CoP San Juan 29-7 82A

| | | | | | | | | | | |
|-------------------------------|--------|---------------|-----------|-------------|----------------------------------|--------------|-----------|------|----------|------|
| Sample ID | 5ML RB | SampType | MBLK | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | PBS | Batch ID | R3304 | RunNo | 3304 | | | | | |
| Prep Date: | | Analysis Date | 6/8/2012 | SeqNo | 92363 | 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 | | 91.5 | 69.7 | 121 | | | |

| | | | | | | | | | | |
|-------------------------------|---------------|---------------|-----------|-------------|----------------------------------|--------------|-----------|------|----------|------|
| Sample ID | 2.5UG GRO LCS | SampType | LCS | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | LCSS | Batch ID | R3304 | RunNo | 3304 | | | | | |
| Prep Date: | | Analysis Date | 6/8/2012 | SeqNo | 92364 | 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 | 98.5 | 133 | | | |
| Surr: BFB | 1000 | | 1000 | | 103 | 69.7 | 121 | | | |

| | | | | | | | | | | |
|-------------------------------|----------------|---------------|-----------|-------------|----------------------------------|--------------|-----------|------|----------|------|
| Sample ID | 1206333-002AMS | SampType | MS | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | SC-2 | Batch ID | R3304 | RunNo | 3304 | | | | | |
| Prep Date: | | Analysis Date | 6/8/2012 | SeqNo | 92366 | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 16 | 5.0 | 19.41 | 0 | 80.3 | 85.4 | 147 | | | S |
| Surr: BFB | 810 | | 776.4 | | 105 | 69.7 | 121 | | | |

| | | | | | | | | | | |
|-------------------------------|-----------------|---------------|-----------|-------------|----------------------------------|--------------|-----------|------|----------|------|
| Sample ID | 1206333-002AMSD | SampType | MSD | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | SC-2 | Batch ID | R3304 | RunNo | 3304 | | | | | |
| Prep Date: | | Analysis Date | 6/8/2012 | SeqNo | 92367 | Units: mg/Kg | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20 | 5.0 | 19.41 | 0 | 104 | 85.4 | 147 | 25.8 | 19.2 | R |
| Surr: BFB | 810 | | 776.4 | | 105 | 69.7 | 121 | 0 | 0 | |

| | | | | | | | | | | |
|------------|----------|---------------|-----------|-------------|----------------------------------|-------------|-----------|------|----------|------|
| Sample ID | MB-2269 | SampType | MBLK | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | PBS | Batch ID | 2269 | RunNo | 3304 | | | | | |
| Prep Date: | 6/6/2012 | Analysis Date | 6/8/2012 | SeqNo | 92372 | Units: %REC | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 930 | | 1000 | | 93.4 | 69.7 | 121 | | | |

| | | | | | | | | | | |
|------------|----------|---------------|-----------|-------------|----------------------------------|-------------|-----------|------|----------|------|
| Sample ID | LCS-2269 | SampType | LCS | TestCode | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID | LCSS | Batch ID | 2269 | RunNo | 3304 | | | | | |
| Prep Date: | 6/6/2012 | Analysis Date | 6/8/2012 | SeqNo | 92373 | Units: %REC | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 1000 | | 1000 | | 102 | 69.7 | 121 | | | |

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206333

11-Jun-12

Client: Animas Environmental Services

Project: CoP San Juan 29-7 82A

| | | | | | | | | | | |
|------------|----------------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Sample ID | 1206135-010AMS | SampType: | MS | TestCode: | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID: | BatchQC | Batch ID: | 2269 | RunNo: | 3304 | | | | | |
| Prep Date: | 6/6/2012 | Analysis Date: | 6/8/2012 | SeqNo: | 92375 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 960 | | 972.8 | | 98.8 | 69.7 | 121 | | | |

| | | | | | | | | | | |
|------------|-----------------|----------------|-----------|-------------|----------------------------------|----------|-----------|------|----------|------|
| Sample ID | 1206135-010AMSD | SampType: | MSD | TestCode: | EPA Method 8015B: Gasoline Range | | | | | |
| Client ID: | BatchQC | Batch ID: | 2269 | RunNo: | 3304 | | | | | |
| Prep Date: | 6/6/2012 | Analysis Date: | 6/9/2012 | SeqNo: | 92376 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 970 | | 984.3 | | 98.6 | 69.7 | 121 | 0 | 0 | |

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1206333

11-Jun-12

Client: Animas Environmental Services

Project: CoP San Juan 29-7 82A

| | | | | | | | | | | |
|----------------------------|-----------------|-------|----------------|-----------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | MB-2269 | | SampType: | MBLK | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | PBS | | Batch ID: | 2269 | | RunNo: | 3304 | | | |
| Prep Date: | 6/6/2012 | | Analysis Date: | 6/8/2012 | | SeqNo: | 92408 | | 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 | 0.98 | | 1.000 | | 98.3 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|-----------------|-------|----------------|-----------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | LCS-2269 | | SampType: | LCS | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | LCSS | | Batch ID: | 2269 | | RunNo: | 3304 | | | |
| Prep Date: | 6/6/2012 | | Analysis Date: | 6/8/2012 | | SeqNo: | 92409 | | 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 | 103 | 83.3 | 107 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 101 | 74.3 | 115 | | | |
| Ethylbenzene | 0.98 | 0.050 | 1.000 | 0 | 97.6 | 80.9 | 122 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 99.2 | 85.2 | 123 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 102 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|-----------------------|-------|----------------|-----------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | 1206135-011AMS | | SampType: | MS | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | BatchQC | | Batch ID: | 2269 | | RunNo: | 3304 | | | |
| Prep Date: | 6/6/2012 | | Analysis Date: | 6/9/2012 | | SeqNo: | 92420 | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.93 | 0.048 | 0.9606 | 0 | 96.3 | 67.2 | 113 | | | |
| Toluene | 0.93 | 0.048 | 0.9606 | 0 | 97.3 | 62.1 | 116 | | | |
| Ethylbenzene | 0.91 | 0.048 | 0.9606 | 0 | 95.1 | 67.9 | 127 | | | |
| Xylenes, Total | 2.8 | 0.096 | 2.882 | 0 | 95.6 | 60.6 | 134 | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 0.9606 | | 100 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|------------------------|-------|----------------|-----------------|------|-----------|------------------------------------|------|---------------------|------|
| Sample ID | 1206135-011AMSD | | SampType: | MSD | | TestCode: | EPA Method 8021B: Volatiles | | | |
| Client ID: | BatchQC | | Batch ID: | 2269 | | RunNo: | 3304 | | | |
| Prep Date: | 6/6/2012 | | Analysis Date: | 6/9/2012 | | SeqNo: | 92421 | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.95 | 0.048 | 0.9634 | 0 | 98.9 | 67.2 | 113 | 2.96 | 14.3 | |
| Toluene | 0.95 | 0.048 | 0.9634 | 0 | 99.0 | 62.1 | 116 | 2.04 | 15.9 | |
| Ethylbenzene | 0.93 | 0.048 | 0.9634 | 0 | 96.7 | 67.9 | 127 | 1.95 | 14.4 | |
| Xylenes, Total | 2.8 | 0.096 | 2.890 | 0 | 97.3 | 60.6 | 134 | 2.03 | 12.6 | |
| Surr: 4-Bromofluorobenzene | 0.97 | | 0.9634 | | 101 | 80 | 120 | 0 | 0 | |

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit



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

Sample Log-In Check List

Client Name: Animas Environmental

Work Order Number: 1206333

Received by/date:

[Signature] 06/08/12

Logged By: Ashley Gallegos

6/8/2012 9:55:00 AM

[Signature]

Completed By: Ashley Gallegos

6/8/2012 10:03:18 AM

[Signature]

Reviewed By:

[Signature] 06/08/12

Chain of Custody

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

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No NA
5. Was an attempt made to cool the samples? Yes ☒ No NA
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No NA
7. Sample(s) in proper container(s)? Yes ☒ No
8. Sufficient sample volume for indicated test(s)? Yes ☒ No
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No
10. Was preservative added to bottles? Yes No ☒ NA
11. VOA vials have zero headspace? Yes No No VOA Vials ☒
12. Were any sample containers received broken? Yes No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No # of preserved bottles checked for pH:
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No (<2 or >12 unless noted)
15. Is it clear what analyses were requested? Yes ☒ No Adjusted?
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No

Checked by:

Special Handling (if applicable)

17. 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:

18. Additional remarks:

19. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.9 | Good | Yes | | | |

Client: Animas Environmental
Services LLC

Mailing Address: 624 E Comanche
Farmington NM 87401

Phone #: 505 564 2281

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

☐ Standard ☒ Rush same day

Project Name: CoP Sanchez 29-7 82A

Project Manager:

R. Lennemer

Sampler: D Wagon

On Ice: ☒ Yes ☐ No

Sample Temperature: 27

| | | |
|--|--|--|
| | | |
|--|--|--|

| Container | Preservative | Expiry Date |
|-----------|--------------|-------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |
| 17 | | |
| 18 | | |
| 19 | | |
| 20 | | |
| 21 | | |
| 22 | | |
| 23 | | |
| 24 | | |
| 25 | | |
| 26 | | |
| 27 | | |
| 28 | | |
| 29 | | |
| 30 | | |
| 31 | | |
| 32 | | |
| 33 | | |
| 34 | | |
| 35 | | |
| 36 | | |
| 37 | | |
| 38 | | |
| 39 | | |
| 40 | | |
| 41 | | |
| 42 | | |
| 43 | | |
| 44 | | |
| 45 | | |
| 46 | | |
| 47 | | |
| 48 | | |
| 49 | | |
| 50 | | |
| 51 | | |
| 52 | | |
| 53 | | |
| 54 | | |
| 55 | | |
| 56 | | |
| 57 | | |
| 58 | | |
| 59 | | |
| 60 | | |
| 61 | | |
| 62 | | |
| 63 | | |
| 64 | | |
| 65 | | |
| 66 | | |
| 67 | | |
| 68 | | |
| 69 | | |
| 70 | | |
| 71 | | |
| 72 | | |
| 73 | | |
| 74 | | |
| 75 | | |
| 76 | | |
| 77 | | |
| 78 | | |
| 79 | | |
| 80 | | |
| 81 | | |
| 82 | | |
| 83 | | |
| 84 | | |
| 85 | | |
| 86 | | |
| 87 | | |
| 88 | | |
| 89 | | |
| 90 | | |
| 91 | | |
| 92 | | |
| 93 | | |
| 94 | | |
| 95 | | |
| 96 | | |
| 97 | | |
| 98 | | |
| 99 | | |
| 100 | | |

| Type and # | Type | HEALING |
|------------|------|---------|
|------------|------|---------|

12/11/23

[illegible]

| | | |
|--------------------------------------|--------------------|------|
| 1-Me ⁺ OH ⁺ at | me ⁺ OH | -001 |
|--------------------------------------|--------------------|------|

| | | |
|-------|-----|------|
| 1-402 | —/— | —002 |
|-------|-----|------|

| | | | |
|-------------|---|----------|---|
| 1. Messwert | / | Messwert | = |
| | | | |

| | | |
|--|--|--|
| | | |
|--|--|--|

[illegible]

| | | |
|--|--|--|
| | | |
| | | |

| | | |
|--|--|--|
| | | |
| | | |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| | | |
|--|--|--|
| | | |
|--|--|--|

| | | | |
|--|--|--|--|
| | | | |
| | | | |

[illegible]

| | | |
|--|--|--|
| | | |
|--|--|--|

[illegible]

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 52 |
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|

| | | |
|--|--|--|
| | | |
|--|--|--|

| | | |
|--|--|--|
| | | |
|--|--|--|

| | | | |
|--|--|--|--|
| | | | |
| | | | |

Received by: _____ Date _____ Time _____

Chas. T. White 6/7/17 1730

| | | |
|--------------|------|------|
| Received by: | Date | Time |
|--------------|------|------|

Received by: _____ Date _____ Time _____

04/08/12 0455

HALL ENVIRONMENTAL ANALYSIS LABORATORY


www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

| | | |
|--|---|--|
| | X | BTEX + MTBE + TPH (Gas only) |
| | X | TPH Method 8015B (Gas/Diesel) <i>9/20/19</i> |
| | | TPH (Method 418.1) |
| | | EDB (Method 504.1) |
| | | 8310 (PNA or PAH) |
| | | RCRA 8 Metals |
| | | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) |
| | | 8081 Pesticides / 8082 PCB's |
| | | 8260B (VOA) |
| | | 8270 (Semi-VOA) |
| | X | <i>300.0 Chlorides</i> |

| | | | | | |
|--------|-------|------------------|---|----------|------|
| Date: | Time: | Relinquished by: | Received by: | Date | Time |
| 6/7/12 | 1720 | Deborah Wate | Christine Wate | 6/7/12 | 1720 |
| Date: | Time: | Relinquished by: | Received by: | Date | Time |
| 6/7/12 | 1742 | Christine Wate |  | 06/08/12 | 0955 |

Remarks: Bull to Conoco Phillips
WO: 10336210
ach STRIP
Supervisor: Sheldon
Approver ID: Bunch
Reviewed by: Spur Mackey
Area: 7

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.