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

State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

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

Release Notification and Corrective Action

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

| | | | | | | OPERA' | ΓOR | | ☐ Initia | al Report | \boxtimes | Final Report | |
|---|--|--|--|---|---------------------------------------|---|---|---|---|---|-----------------------------|--------------------------------------|--|
| | | onocoPhillips | | | (| Contact Lindsay Dumas | | | | | | | |
| | | ^h St, Farming | gton, NM | | | | No.(505) 599-4 | 089 | | | | | |
| Facility Na | me: Lindri | th B 8 | | | I | Facility Type: Oil | | | | | | | |
| Surface Ov | vner Fee | | | Mineral C | Owner B | er BLM (SF-078913) API No.30-039-22422 | | | | | | | |
| | | | | LOCA | ATION | OF RE | LEASE | | | | | | |
| Unit Letter | Section | Township | Range | Feet from the | | South Line | Feet from the | East/ | West Line | County | | | |
| M | 27 | 24N | 03W | 940' | Sou | ith Line | 825' | We | est Line | Rio Arrib | a | | |
| Latitude <u>36.276859</u> Longitude <u>-107.14959</u> | | | | | | | | | | | | | |
| NATURE OF RELEASE | | | | | | | | | | | | | |
| Type of Rele | | luced Water | | | | Volume of | | nown | | Recovered | 0 B | | |
| Source of Re | elease Bel o | ow Grade Tai | nk | | | Date and I- Unknown | lour of Occurren | ce | Date and 3/13/2014 | Hour of Dis | covery | | |
| Was Immed | iate Notice C | Given? | | | | If YES, To | Whom? | | 3/13/2014 | | | | |
| | | | Yes [| No 🛛 Not Re | equired | | | | | | | | |
| By Whom? | | | | | | Date and H | lour | | | | | | |
| Was a Wate | rcourse Reac | | _ | | | | olume Impacting | the Wat | tercourse. | • | | | |
| | | □ ` | Yes 🛛 1 | No | | | | (| OIL CONS | S. DIV DI | ST. 3 | | |
| If a Waterco | urse was Imp | pacted, Descri | ibe Fully. | * | | • | | | | | - 18 | | |
| Describe Co | of Duolele | em and Remed | dial Astic | - Tolson * | | | | | - 0CT | 2 2 2014 | | | |
| Excavation transporte | n was 30' x ed from Az | tec Machine | eep. 578 and pla | cen.* 6 c/yds of soil w ced in the exca ng report is att | vation | site. Analy | | | | | | | |
| regulations a public health should their or the enviro | all operators n or the envir operations h onment. In a e, of local lav | are required to ronment. The ave failed to a ddition, NMC ws and/or regu | o report and acceptance acceptanc | e is true and comp nd/or file certain to be of a C-141 report investigate and report investigate and report an | release no ort by the remediate | otifications a e NMOCD m e contaminat | nd perform corre arked as "Final l ion that pose a th | ective ac Report" ireat to g f respons | tions for rele does not rele ground water sibility for c | eases which ieve the ope r, surface wa ompliance v | may entrator of ater, hu | ndanger f liability man health | |
| Signature:X | \underline{mok} | Joly 1 |)UX | non | | | | | \overline{A} | | — (| | |
| Printed Nam | ne: Lindsay | Dumas | | | | Approved by Environmental Specialist: | | | | | | | |
| Title: Field | Environme | ntal Specialis | st | | | Approval Date: 11/19/14 Expiration Date | | | | | | | |
| E-mail Addı | E-mail Address: Lindsay.Dumas@conocophillips.com | | | | Conditions of Approval: | | | | Attached | | | | |
| Date: 10/18 | | | : (505) 59 | 9-4089 | | • | | | | | | | |
| Attach Add | itional She | ets If Necess | sary | | 1 | tars 1 | 43 22- | 25 | 255 | _ | | | |
| Attach Add | | | _ / | | Z, | tacs 1 | 43 23: | 35 | 055 | - | | | |

Animas Environmental Services Luc

www.animasenvironmental.com

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

> Durango, Colorado 970-403-3084

August 18, 2014

Lindsay Dumas
ConocoPhillips
San Juan Business Unit
Office 214-07
5525 Hwy 64
Farmington, New Mexico 87401

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

RE: Initial Release Assessment and Final Excavation Report

Lindrith B #8 (South)

Rio Arriba County, New Mexico

Dear Ms. Dumas:

On March 13 and 14 and May 14 and 20, 2014, Animas Environmental Services, LLC (AES) completed a release assessment and environmental clearance of the final excavation limits at the ConocoPhillips (CoP) Lindrith B #8, located in Rio Arriba County, New Mexico. A historic release was discovered during a below grade tank (BGT) closure at the location. The initial release assessment was completed by AES on March 14, 2014, and the final excavation was completed by CoP contractors prior to AES' arrival at the location on May 20, 2014.

1.0 Site Information

1.1 Location

Site Name - Lindrith B #8

Location – SW¼ SW¼, Section 27, T24N, R3W, Rio Arriba County, New Mexico Well Head Latitude/Longitude – N36.27684 and W107.15009, respectively Release Location Latitude/Longitude – N36.27674 and W107.14980, respectively Land Jurisdiction – Private

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, March 2014

1.2 NMOCD Ranking

In accordance with New Mexico Oil Conservation Division (NMOCD) release protocols, action levels were established per NMOCD Guidelines for Remediation of Leaks, Spills,

and Releases (August 1993) prior to site work. The release was given a ranking score of 30 based on the following factors:

- Depth to Groundwater: A pit closure report form dated April 1995 for the Lindrith B #8 reported the depth to groundwater at 50 to 99 feet below ground surface (bgs). (10 points)
- Wellhead Protection Area: The release location is not within a wellhead protection area. (0 points)
- Distance to Surface Water Body: There are two unnamed washes located approximately 180 feet to the east and west of the location. Both washes flow into the wash in Medio Canyon. (20 points)

1.3 Assessment

AES was initially contacted by Jess Henson, CoP representative, on March 12, 2014, and on March 13, 2014, Stephanie Lynn and Emilee Skyles of AES initiated the release assessment field work. The assessment included collection and field sampling of three soil samples from one test hole at the release area. The test hole was terminated at 12 feet bgs on sandstone.

On March 14, 2014, AES returned to the location to continue release assessment work. The assessment included collection of 12 soil samples from 6 soil borings. Soil borings were terminated between 5 and 8 feet. Based on field sampling results, AES recommended further excavation of the release area. Sample locations are shown on Figure 3.

On May 14, 2014, AES returned to the location to collect confirmation soil samples of the excavation. The field sampling activities included collection of five confirmation soil samples from the walls and base of the excavation. The area of the final excavation measured approximately 35 feet by 28 feet by 13 feet in depth. The depth of the excavation was limited due to a confining sandstone layer at about 13 feet bgs. Final confirmation soil samples (SC-6 through SC-9) from the south wall, east wall, west wall and base were collected on May 20, 2014, following application of Quantum Growth on May 19, 2014. Sample locations and final excavation extents are presented on Figure 4.

2.0 Soil Sampling

A total of 15 soil samples from one test hole and six soil borings (TH-1, SB-1 through SB-6) and 9 composite samples (SC-1 through SC-9) were collected during the assessments. All soil samples were field screened for volatile organic compounds (VOCs), and selected

samples were also analyzed for total petroleum hydrocarbons (TPH). Two discrete soil samples (SB-3 and SB-4) collected during the assessment and nine composite samples (SC-1 through SC-9) collected during the excavation clearance were submitted for confirmation laboratory analysis.

2.1 Field Sampling

2.1.1 Volatile Organic Compounds

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

2.1.2 Total Petroleum Hydrocarbons

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

2.2 Laboratory Analyses

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

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

In addition, soil sample SC-5 was laboratory analyzed for:

Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B.

2.3 Field and Laboratory Analytical Results

On March 13 and 14, 2014, initial assessment field screening results for VOCs via OVM showed concentrations ranging from 0.2 ppm in SB-1 up to 1,785 ppm in TH-1. Field TPH concentrations ranged from less than 20.0 mg/kg in SB-1 to greater than 2,500 mg/kg in TH-1.

On May 14 and 20, 2014, final excavation field screening results for VOCs via OVM ranged from 0.1 ppm in SC-6 up to 28.7 ppm in SC-9. Field TPH concentrations ranged

from 24.4 mg/kg in SC-1 up to 1,250 mg/kg in SC-5. Results are included below in Table 1 and on Figures 3 and 4. The AES Field Sampling Reports are attached.

Table 1. Field Sampling VOCs and TPH Results
Lindrith B #8 Initial Release Assessment and Final Excavation (South Excavation)
March and May 2014

| Sample ID | Date Sampled | Sample Depth (ft bgs) | VOCs via OVM (ppm) | TPH 418.1 (mg/kg) |
|-----------|-----------------|-----------------------------|--------------------------|-------------------------|
| NMO | CD Action Lev | rel* | 100 | 100 |
| | | 7 | 454 | 830 |
| TH-1 | 3/13/14 | 11 | 655 | >2,500 |
| | • | 12 | 1,785 | >2,500 |
| | | 2 | 0.2 | NA |
| SB-1 | 3/14/14 | 5 | 18.5 | NA |
| | • | 8 | 1.5 | <20.0 |
| - | | 3 | 0.3 | NA |
| SB-2 | 3/14/14 | 5 | 10.5 | NA |
| | • | 7.5 | 38.5 | 346 |
| SB-3 | 3/14/14 | 5 | 19.2 | 298 |
| CD 4 | 2/14/14 | 5.5 | 20.3 | NA |
| SB-4 | 3/14/14 | 7 | 17.6 | 306 |
| SB-5 | 3/14/14 | 5 | 9.3 | 997 |
| CD C | 2/14/14 | 5 | 19.7 | NA |
| SB-6 | 3/14/14 | 6 | 16.4 | 523 |
| SC-1 | 5/14/14 | 1 to 13 | 0.3 | 24.4 |
| SC-2 | 5/14/14 | 1 to 13 | 1.8 | 512 |
| SC-3 | 5/14/14 | 1 to 13 | 2.1 | 285 |
| SC-4 | 5/14/14 | 1 to 13 | 65.0 | 515 |
| SC-5 | 5/14/14 | .13 | 231 | 1,250 |
| SC-6 | 5/20/14 | 1 to 13 | 0.1 | 133 |
| SC-7 | 5/20/14 | 1 to 13 | 0.6 | 240 |
| SC-8 | 5/20/14 | 1 to 13 | 0.3 | 75.0 |
| SC-9 | 5/20/14 | 13 | 28.7 | 550 |
| | | | | |

NA - not analyzed

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

Laboratory analyses for SB-3 and SB-4 were used to confirm field sampling results of the initial release assessment. TPH concentrations as GRO/DRO were reported in SB-3 with 76 mg/kg and in SB-4 with 80 mg/kg.

Laboratory analyses for SC-1 through SC-9 were used to confirm field sampling results from the final excavation. Benzene and total BTEX concentrations in SC-5 were reported below laboratory detection limits of 0.033 mg/kg and 0.165 mg/kg, respectively. TPH concentrations as GRO/DRO above laboratory detection limits were reported in SC-2 (180 mg/kg), SC-3 (120 mg/kg), SC-4 (220 mg/kg), SC-5 (434.3 mg/kg), SC-7 (94 mg/kg), and SC-9 (620 mg/kg). Results are presented in Table 2 and on Figure 4. The laboratory analytical reports are attached.

Table 2. Laboratory Analytical Results – Benzene, Total BTEX, and TPH Lindrith B #8 Initial Release Assessment and Final Excavation (South Excavation)

March and May 2014

| | D4 | Sample | 0 | Total | 600 | 222 |
|-----------|-----------------|-------------------|--------------------|-----------------|----------------|----------------|
| Sample ID | Date Sampled | Depth (ft bgs) | Benzene (mg/kg) | BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) |
| NMO | vel* | 10 | 50 | 1 | 00 | |
| SB-3 | 3/14/14 | , 5 | NA | NA | <3.6 | 76 |
| SB-4 | 3/14/14 | 7 | NA | NA | <3.0 | 80 |
| SC-1 | 5/14/14 | 1 to 13 | NA · | NA | <3.3 | <9.8 |
| SC-2 | 5/14/14 | 1 to 13 | NA | NA | <3.4 | 180 |
| SC-3 | 5/14/14 | 1 to 13 | NA | NA | <3.5 | 120 |
| SC-4 | 5/14/14 | 1 to 13 | NA | NA | <3.1 | 220 |
| SC-5 | 5/14/14 | 13 | <0.033 | <0.165 | 4.3 | 430 |
| SC-6 | 5/20/14 | 1 to 13 | NA | NA | <3.4 | <9.9 |
| SC-7 | 5/20/14 | 1 to 13 | NA | NA | <3.5 | 94 |
| SC-8 | 5/20/14 | 1 to 13 | NA | NA | <4.9 | <10 |
| SC-9 | 5/20/14 | 13 | NA | NA | <2.9 | 620 |

NA - not analyzed

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

3.0 Conclusions and Recommendations

On March 13 and 14, 2014, AES conducted an initial assessment of petroleum contaminated soils associated with a historic release at the Lindrith B #8. Action levels for releases are determined by the NMOCD ranking score per *NMOCD Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), and the site was assigned a rank of 30.

In March 2014, initial assessment field sampling results above the NMOCD action level of 100 ppm VOCs were reported in TH-1, with the highest VOC concentration reported at 1,785 ppm. Field sampling TPH results exceeded the NMOCD action level of 100 mg/kg in six samples (TH-1, SB-2, SB-3, SB-4, SB-5, and SB-6), with the highest concentration reported in TH-1 at greater than 2,500 mg/kg. Laboratory analytical results from SB-3 and SB-4 reported TPH concentrations as GRO/DRO below the NMOCD action level of 100 mg/kg.

On May 14 and May 20, 2014, final excavation of the impacted area was completed. Field sampling results of the excavation extents on May 14, 2014, showed that VOC concentrations were below applicable NMOCD action levels for the walls of the excavation, while the base reported a VOC concentration of 231 ppm. Field TPH concentrations were reported above the applicable NMOCD action level of 100 mg/kg for the walls and base of the excavation, with the exception of SC-1 (north wall) which had a TPH concentration of 24.4 mg/kg. Laboratory analytical results reported benzene and total BTEX concentrations in SC-5 (base) below NMOCD action levels, and TPH concentrations as GRO/DRO were reported above the applicable NMOCD action level in the sidewalls and base, except SC-1 which reported GRO/DRO concentrations less than laboratory detection limits.

Quantum GrowthTM was applied to the sidewalls and base of the excavation on May 19, 2014, and additional confirmation samples (SC-6 through SC-9) were collected on May 20, 2014. Field sampling results of the final excavation extents showed that VOC concentrations were below applicable NMOCD action levels for the remaining walls and base of the excavation. Field TPH concentrations were reported above the NMOCD action level in SC-6 (south wall), SC-7 (east wall), and SC-9 (base), and below the NMOCD action level in SC-8 (west wall). Laboratory analytical results reported TPH concentrations as GRO/DRO below the NMOCD action level for the remaining sidewalls (SC-6 through SC-8). The base (SC-9) remained above the NMOCD action level with 620 mg/kg TPH.

Based on the final field sampling and laboratory analytical results of the excavation of petroleum contaminated soils at the Lindrith B #8, benzene, total BTEX, and TPH

concentrations were below the applicable NMOCD action levels for the final sidewalls of the excavation. However, the base of the excavation exceeded applicable NMOCD action levels for TPH with a laboratory analytical concentration of 620 mg/kg. On May 21, 2014, CoP received approval to backfill the excavation from Johnathan Kelly of the NMOCD. No further work is recommended.

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

Sincerely,

Emilee Skyles Staff Geologist

Elizabeth McNally, PE

Sinh Sh

Elysbut V MiNdly

Attachments:

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, March 2014

Figure 3. Initial Assessment Sample Locations and Results, March 2014

Figure 4. South Excavation Sample Locations and Results, May 2014

AES Field Sampling Report 031314

AES Field Sampling Report 031414

AES Field Sampling Report 051414

AES Field Sampling Report 052014

Hall Laboratory Analytical Report 1403666

Hall Laboratory Analytical Report 1405658

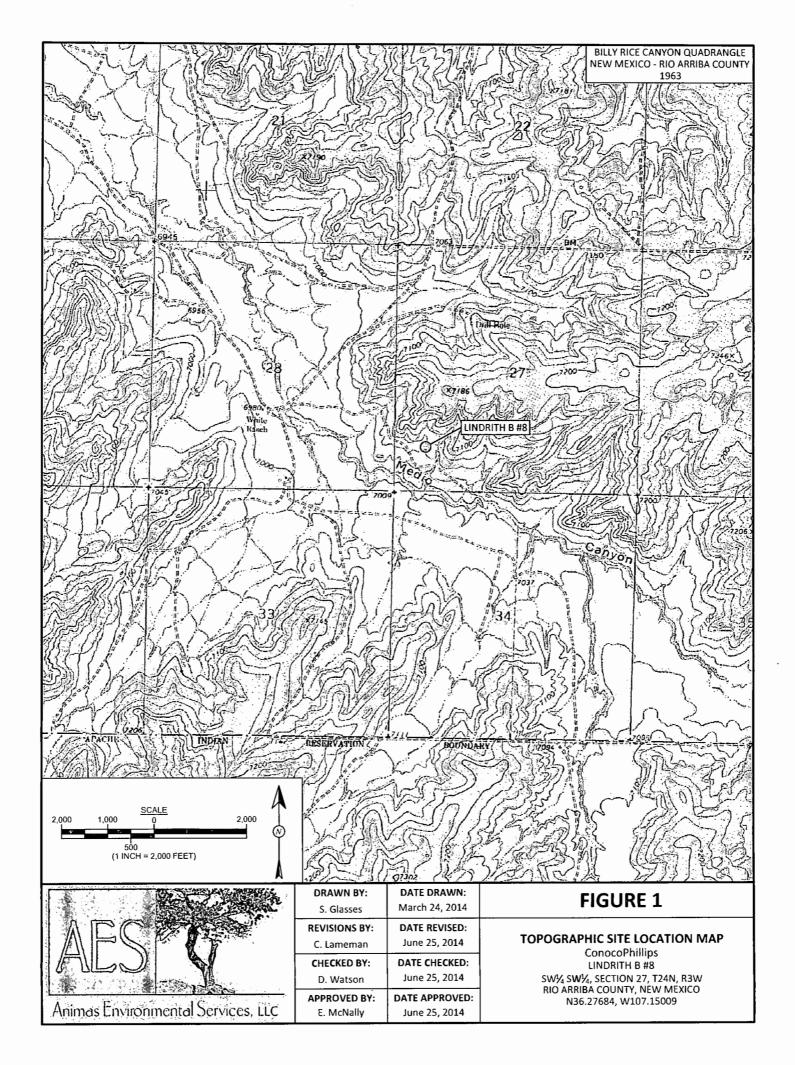
Hall Laboratory Analytical Report 1405665

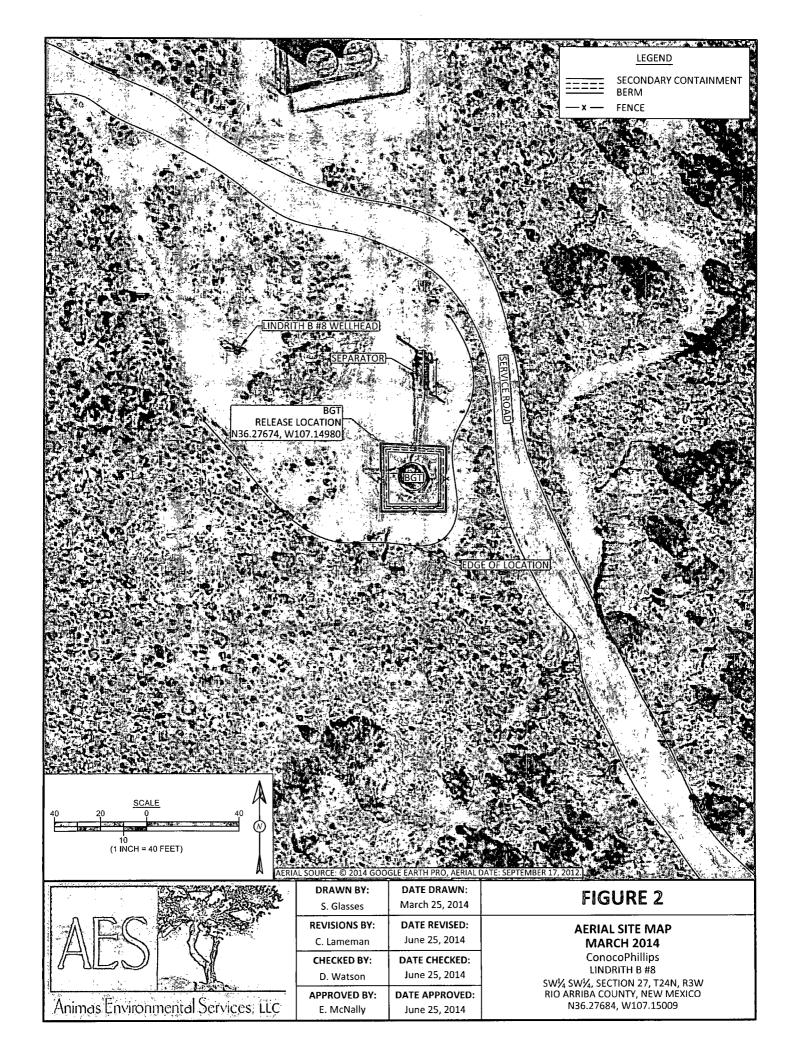
Hall Laboratory Analytical Report 1405887

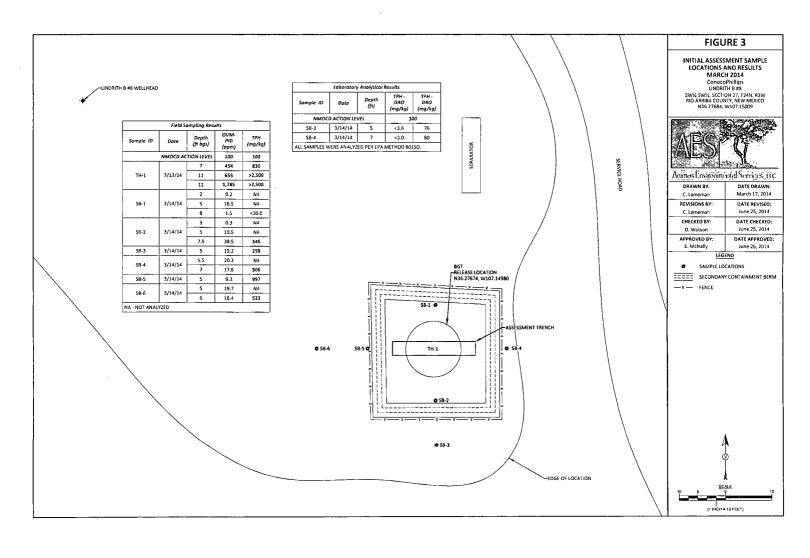
Hall Laboratory Analytical Report 1405895

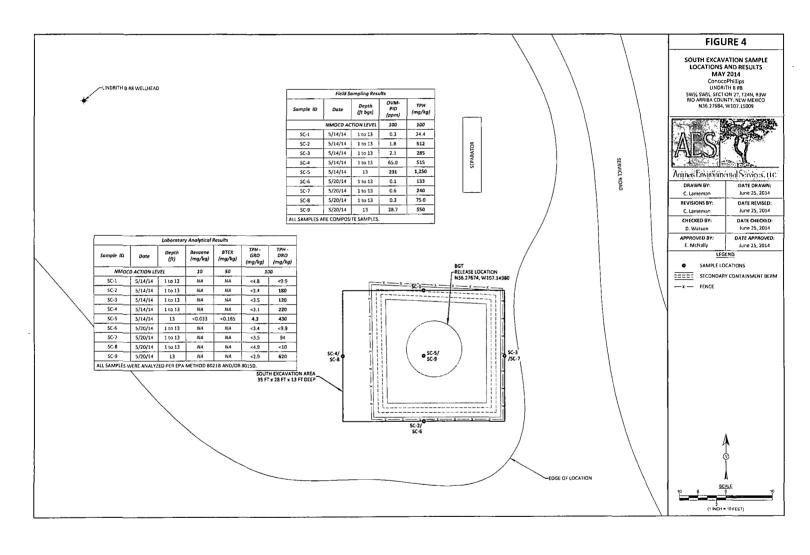
Lindsay Dumas Lindrith B #8 Initial Release Assessment and Final Excavation Report August 18, 2014 Page 8 of 8

C:\Users\emcnally.AES\Dropbox (Animas Environmental)\0000 Animas Server Dropbox EM\2014 Projects\ConocoPhillips\Lindrith B #8\South Excavation\CoP Lindrith B #8 Release and Final Excavation Report 081814.docx









Client: ConocoPhillips

Project Location: Lindrith B #8

Date: 3/13/2014

Matrix: Soil



Animas Environmental Services, itte

www.animasenvironmental.com

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

Durango, Colorado 970-403-3084

| Sample ID | Collection Date | Collection Time | OVM (ppm) | TPH* (mg/kg) | TPH Analysis Time | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|------------|--------------------|--------------------|--------------|-----------------|-------------------------|--------------------|----|-----------------------------|
| TH-1 @ 7' | 3/13/2014 | 11:30 | 454 | 830 | 11:52 | 20.0 | 1 | ES |
| TH-1 @ 11' | 3/13/2014 | 12:15 | 655 | >2,500 | 12:30 | 20.0 | 1 | ES |
| TH-1 @ 12' | 3/13/2014 | 12:40 | 1,785 | >2,500 | 13:05 | 20.0 | 1 | ES |

DF

Dilution Factor

NA

Not Analyzed

Not Detected at the Reporting Limit

ND PQL

Practical Quantitation Limit

Analyst: Such Syl

Total Petroleum Hydrocarbons - USEPA 418.1

*Field TPH concentrations recorded may be below PQL.

Page 1 Report Finalized: 3/13/14

AES

Animas Environmental Service

www.animasenvironmenta

624 E. Con Farmington, NM 505-564

> Durango, Co 970-403

Client: ConocoPhillips

Project Location: Lindrith B #8

Date: 3/14/2014

Matrix: Soil

| Sample ID | Collection Date | Collection Time | Sample Location | OVM (ppm) | TPH* (mg/kg) | TPH Analysis Time | TPH PQL (mg/kg) | DF | TPH Analysts Initials | | | | |
|-------------|--------------------|--------------------|--------------------|--------------|----------------------|-------------------------|--------------------|-----|-----------------------|--|--|--|--|
| SB-1 @ 2' | 3/14/2014 | 10:45 | North | 0.2 | | Not A | nalyzed for | ТРН | | | | | |
| SB-1 @ 5' | 3/14/2014 | 10:46 | North | 18.5 | | Not A | nalyzed for | ТРН | | | | | |
| SB-1 @ 8' | 3/14/2014 | 10:47 | North | 1.5 | 19.3 | 15:45 | 20.0 | 1 | ES | | | | |
| SB-2 @ 3' | 3/14/2014 | 10:50 | South | 0.3 | Not Analyzed for TPH | | | | | | | | |
| SB-2 @ 5' | 3/14/2014 | 10:51 | South | 10.5 | Not Analyzed for TPH | | | | | | | | |
| SB-2 @ 7.5' | 3/14/2014 | 10:52 | South | 38.5 | 346 | 15:49 | 20.0 | 1 | ES | | | | |
| SB-3 @ 5' | 3/14/2014 | 11:30 | South | 19.2 | 298 | 15:53 | 20.0 | 1 | ES | | | | |
| SB-4 @ 5.5' | 3/14/2014 | 11:04 | East | 20.3 | | Not A | nalyzed for | TPH | | | | | |
| SB-4 @ 7' | 3/14/2014 | 11:15 | East | 17.6 | 306 | 15:58 | 20.0 | 1 | ES | | | | |
| SB-5 @ 5' | 3/14/2014 | 11:45 | West | 9.3 | 997 | ES | | | | | | | |
| SB-6 @ 5' | 3/14/2014 | 12:18 | West | 19.7 | Not Analyzed for TPH | | | | | | | | |
| SB-6 @6' | 3/14/2014 | 12:30 | West | 16.4 | 523 16:10 20.0 1 | | | | | | | | |

DF

Dilution Factor

NΑ

Not Analyzed

Total Petroleum Hydrocarbons - USEPA 418.1

ND PQL

Practical Quantitation Limit

Not Detected at the Reporting Limit

Analyst:

*Field TPH concentrations recorded may be below PQL.

Sinh ShL

Report Finalized: 3/14/14

Client: ConocoPhillips

Project Location: Lindrith B #8

Date: 5/14/2014

Matrix: Soil



www.animasenvironmental.com

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

Durango, Colorado 970-403-3084

| 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-1 | 5/14/2014 | 12:30 | North Wall | 0.3 | 12:50 | 24.4 | 20.0 | 1 | DAW |
| SC-2 | 5/14/2014 | 12:32 | South Wall | 1.8 | 12:52 | 512 | 20.0 | 1 | DAW |
| SC-3 | 5/14/2014 | 12:34 | East Wall | 2.1 | 12:55 | 285 | 20.0 | 1 | DAW |
| SC-4 | 5/14/2014 | 12:36 | West Wall | 65.0 | 12:57 | 515 | 20.0 | 1 | DAW |
| SC-5 | 5/14/2014 | 12:38 | Base | 231 | 13:00 | 1,250 | 20.0 | 1 | DAW |

DF

Dilution Factor

NA ND Not Analyzed

PQL

Not Detected at the Reporting Limit **Practical Quantitation Limit**

*Field TPH concentrations recorded may be below PQL.

Analyst:

Total Petroleum Hydrocarbons - USEPA 418.1

Dubrah Water

Page 1 Report Finalized: 5/14/14

Client: ConocoPhillips

Project Location: Lindrith B #8

Date: 5/20/2014

Matrix: Soil



Animas Environmental Services, tile

www.animasenvironmental.com

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

Durango, Colorado 970-403-3084

| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | TPH Analysis Time | TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|--------------------|---------------------------------|--------------------|--------------|-------------------------|-----------------|--------------------|----|-----------------------------|
| SC-6 | 5/20/2014 | 12:05 | South Wall | 0.1 | 12:27 | 133 | 20.0 | 1 | DAW |
| SC-7 | 5/20/2014 | 12:35 | East Wall | 0.6 | 12:25 | 240 | 20.0 | 1 | DAW |
| SC-8 | 5/20/2014 | 10:55 | West Wall | 0.3 | 12:55 | 75.0 | 20.0 | 1 | DAW |
| SC-9 | 5/20/2014 | 11:00 | Base | 28.7 | 12:57 | 550 | 20.0 | 1 | DAW |

DF Dilution Factor

NA Not Analyzed

ND Not Detected at the Reporting Limit

PQL Practical Quantitation Limit

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1

Abrah Water

Analyst:

Page 1

Report Finalized: 5/20/14



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

OrderNo.: 1403666

March 18, 2014

Debbie Watson Animas Environmental 624 East Comanche Farmington, NM 87401

TEL: (505) 486-4071

FAX

RE: COP Lindrith B # 8

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/17/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1403666

Date Reported: 3/18/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SB-E @ 7' SB-4@7' DAW

Project: COP Lindrith B # 8

Collection Date: 3/14/2014 11:45:00 AM

Lab ID: 1403666-001

Matrix: MEOH (SOIL) Received Date: 3/17/2014 10:05:00 AM

| Analyses | Result | RL Qu | al Units | DF Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|-----------------------|-----------------|
| EPA METHOD 8015D: DIESEL RANG | GE ORGANICS | | | Ana | yst: BCN |
| Diesel Range Organics (DRO) | 80 | 9.9 | mg/Kg | 1 3/17/2014 2:42:32 F | PM 12207 |
| Surr: DNOP | 93.8 | 66-131 | %REC | 1 3/17/2014 2:42:32 F | M 12207 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Ana | yst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.0 | mg/Kg | 1 3/17/2014 11:09:37 | AM R17360 |
| Surr: BFB | 88.3 | 74.5-129 | %REC | 1 3/17/2014 11:09:37 | AM R17360 |

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

Qualifiers:

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

Page 1 of 4

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Lab Order 1403666

Date Reported: 3/18/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SB-S-2-@-5' SB-3@5' DAW

Project: COP Lindrith B # 8

Collection Date: 3/14/2014 12:00:00 PM

Lab ID: 1403666-002

Matrix: MEOH (SOIL) Received Date: 3/17/2014 10:05:00 AM

| Analyses | Result | RL Qu | al Units | DF Date | Analyzed | Batch |
|-------------------------------|-------------|----------|----------|---------|-------------------|--------|
| EPA METHOD 8015D: DIESEL RANG | GE ORGANICS | | | | Analyst | BCN |
| Diesel Range Organics (DRO) | 76 | 9.9 | mg/Kg | 1 3/17/ | /2014 3:50:29 PM | 12207 |
| Surr: DNOP | 92.9 | 66-131 | %REC | 1 3/17/ | 2014 3:50:29 PM | 12207 |
| EPA METHOD 8015D: GASOLINE RA | ANGE | | | | Analyst | :: NSB |
| Gasoline Range Organics (GRO) | ND | 3.6 | mg/Kg | 1 3/17/ | /2014 11:39:50 AM | R17360 |
| Surr: BFB | 84.3 | 74.5-129 | %REC | 1 3/17/ | 2014 11:39:50 AM | R17360 |

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

Qualifiers:

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

Page 2 of 4

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1403666

18-Mar-14

Client: Project: Animas Environmental

Sample ID MB-12207

COP Lindrith B # 8

SampType: MBLK

TestCode: EPA Method 8015D: Diesel Range Organics

Client ID:

PBS

Batch ID: 12207

RunNo: 17357

Prep Date: 3/17/2014

Analysis Date: 3/17/2014

SeqNo: 499908

Units: mg/Kg

Analyte Result

PQL 10 SPK value SPK Ref Val %REC LowLimit

%RPD

%RPD

RPDLimit

Qual

Diesel Range Organics (DRO)

ND

10.00

84.4

HighLimit

Surr: DNOP

8.4

5.000

131

Sample ID LCS-12165

Prep Date: 3/13/2014

SampType: LCS LCSS Batch ID: 12165

TestCode: EPA Method 8015D: Diesel Range Organics RunNo: 17357

107

66

131

145

131

131

Units: %REC

Qual

Analyte Surr: DNOP

Client ID:

Result 5.4

Analysis Date: 3/17/2014 **PQL** SPK value SPK Ref Val

%REC

SeqNo: 499909

LowLimit

HighLimit

RPDLimit

Client ID: LCSS

Prep Date: 3/17/2014

Sample ID LCS-12207

SampType: LCS Batch ID: 12207 TestCode: EPA Method 8015D: Diesel Range Organics RunNo: 17357

Analyte

Analysis Date: 3/17/2014

0

SeqNo: 499910

Units: mg/Kg

Qual

Diesel Range Organics (DRO) Surr: DNOP

46 4.4

Result

PQL 10 50.00

SPK value SPK Ref Val %REC

LowLimit

HighLimit

%RPD **RPDLimit**

Client ID: LCSS

Prep Date: 3/13/2014

Sample ID LCS-12173

SampType: LCS

Analysis Date: 3/17/2014

POL

Batch ID: 12173

TestCode: EPA Method 8015D: Diesel Range Organics RunNo: 17357

91.7

87.7

60.8

66

Units: %REC

Analyte

Result

5.000

SPK value SPK Ref Val

%REC LowLimit

SeqNo: 500720

HighLimit

Qual

Surr: DNOP

5.0

5.000

99.3

66

%RPD

RPDLimit

Qualifiers:

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

Page 3 of 4

Hall Environmental Analysis Laboratory, Inc.

WO#: 1403666

18-Mar-14

Client: Animas Environmental Project: COP Lindrith B # 8

Sample ID 5ML RB SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: R17360 RunNo: 17360

Prep Date: Analysis Date: 3/17/2014 SeqNo: 500200 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 900 1000 90.1 74.5 129

Sample ID 2.5UG GRO LCS SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: R17360 RunNo: 17360 Prep Date: Analysis Date: 3/17/2014 SegNo: 500201 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 5.0 25.00 95.1 71.7 134 Surr: BFB 950 1000 94.6 74.5 129

Sample ID 1403666-001AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: SB-E @ 7' Batch ID: R17360 RunNo: 17360 Prep Date: SeqNo: 500203 Analysis Date: 3/17/2014 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 145

 Gasoline Range Organics (GRO)
 12
 3.0
 14.78
 0
 84.0
 69.5
 145

 Surr: BFB
 530
 591.4
 90.2
 74.5
 129

Sample ID 1403666-001AMSD SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: SB-E @ 7' Batch ID: R17360 RunNo: 17360

Prep Date: Analysis Date: 3/17/2014 SeqNo: 500204 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 13 3.0 14.78 85.7 69.5 145 2.07 20 Surr: BFB 460 591.4 78.5 74.5 129 0 0

Qualifiers:

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

Page 4 of 4



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: Animas Environmental Work Order Number: | : 1403666 | | RcptNo: | 1 |
|--|----------------|-----------------|-------------------|-------------------|
| Received by/date: Mb C3 17 14 | | | | |
| Logged By: Lindsay Mangin 3/17/2014 10:05:00 AM | M | Juney House | | |
| Completed By: Lindsay, Mangin 3/17/2014 10:55:42 AM | VI | Andy Hope | | |
| Reviewed By: 03/17/14 | | | | |
| Chain of Custody | | | | |
| 1. Custody seals intact on sample bottles? | Yes 🗌 | No 🗆 | Not Present | |
| 2. Is Chain of Custody complete? | Yes 🗹 | No 🗌 | Not Present | |
| 3. How was the sample delivered? | <u>Courier</u> | | | |
| <u>Log In</u> | | | | |
| 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 🗹 | # of preserved | |
| | | | bottles checked | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗹 | No 📙 | 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: | |
| (If no, notify customer for authorization.) | | · | | |
| 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: | | | | J |
| 17. Additional remarks: | _ | | | |
| 18. Cooler Information | Caal Data | l Sinned Div. 1 | 1 | |
| Cooler No Temp °C Condition Seal Intact Seal No 1 Good Yes | Seal Date | Signed By | | |

| hain- | of-Cu | istody Record | Lurn-Around | ime: | | 1 | | | | | | | | - | | 30. F 30. | | | | |
|----------|--|--|---|---|--|--|--|---|--|---|--|--|--|--|--|---|--|--|--|--|
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| Address: | 101 | | | | | | 40/ | 34.11 | | | | | | | | | 400 | | | |
| | 629 | Comanche | Project #: | | | 1 | | | | | | | - | - | | | | | | |
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| Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. | ЗТЕХ + МТЕ | STEX + MTE | TPH 8015B | TPH (Metho | EDB (Metho | PAH's (8310 | RCRA 8 Met | Anions (F,CI | 3081 Pestici | 3260B (VOA | 3270 (Semi- | | | | Air Bubbles (Y or N) |
| 1145 | Con'l | SB-E@71 | Meott Cit | | -001 | | | X | • | | | | | | | | \neg | | 1 | |
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| Time: | Del | nehWater | Received by: | HJ V | Date Time BUT I'Y IOO Date Time | Ren 5 | jarks | i: É | FIL | 10 | C | nu | RO | Pk | ll | دنه |) | | | |
| | Address: A VINIA #: 50G Fax#: Package: dard tation AP (Type) Time 1145 1200 | Address: 624 Address: 624 Avnueton #: 505 564 Fax#: Package: dard tation AP Othe (Type) Time Matrix 1145 Soil 1200 Soil Time: Relinquish 640 Deli | Package: dard Level 4 (Full Validation) tation AP Other (Type) Time Matrix Sample Request ID 1145 Spil SB-E@7! 1200 Spil SB-S 2@5' Time: Relinquished by: 640 New Matrix Relinquished by: 640 New Matrix Relinquished by: | Standard Project Name Address: 624. F. Comanche Alumnolon NM Project #: 5050 564 2281 CoP Li Fax#: Project Manager and Level 4 (Full Validation) Sampler: Doniton AP Other Sample Request ID Container Type and # 1145 Soil SB-E@7! Month Col 1200 Soil SB-S 2@5! Month Col 202 | Animas Freironmental Standard Di Rush Street LC Address: 624 F Comanche Animas NM Froject Manager: Cop Lindinth Project Manager: Cop Lindinth Sampler: D WASON Sampler: D WASON Sample Temperature Type and # Type II45 Spil SB-E@7! Must Sample Preservative Type and # Type II45 Spil SB-E@7! Must Sample Must Sample II60 Spil SB-S 2@5' Must Sample Time: Reilinquished by: Received by | Anmas Frironmental Standard Rush Same day Revices LLC Address: 624 E Comanche Armination NM # 5050 364 2281 Project Manager: Project | Annua S Environmental Standard & Rush Same day Received by C Comanche Received by Comanche Received by Comanche Received by Comanche Received by Comanche Rush Same day Rush Same d | Time: Reinquished by: Received by: Rush Same day Rush Same day Rush Same day Project Name: Age Project Name: Project Name: Project Name: Age Project Name: Project Name: Age Age Age Age Age Age Age A | Time: Relinquished by: Time: Relinquished by: Received by: Time: Relinquished by: Received by: | Time: Relinquished by: Received by: Agush Same: day Project Name: Standard Rush Same: day Project Name: | Time: Relinquished by: Received by: Recei | Time: Reginquished by: Recayed by: WHAD Standard Standa | Time: Responsibled by: Time: Responsibled by: Received by: Responsible to the control of the control | Time: Rejnaushed by: Received by: Project Name: Standard Standard Rush Scane day Project Name: Project Name: Project Name: Project Manager: Project ## Project Manager: Project M | Time: Reginquished by: RALLYSIS L Standard Strush Scarce day Project Name: Standard Strush Scarce day Standard Strush Scarce | Thim Matrix Sample Request ID Contact Type and # Type and Type | ANNOLS Environmental Standard Rush Scure: day Project Name: Project Name: Annols Environmental Project Name: Annols Environmental Project Name: Annols Environmental Project Name: Annols Environmental Annols Env | Annus Friedrich Standard Standard Standard Standard Standard Project Name: Analysis Labora Aww.hallenvironmental.com Agon Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Fax#: Project Manager: Project Manager | Analysis Laborato Www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Tel. 505-345-39 | Animals Environmental Standard of Rush Sume day Project Name: Project Name: Project Manager: Project #: Projec |



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

OrderNo.: 1405658

May 16, 2014

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

FAX

RE: CoP Lindrith B #8 South Excavation

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 4 sample(s) on 5/15/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andid

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1405658

Date Reported: 5/16/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-2

Project:

CoP Lindrith B #8 South Excavation

Collection Date: 5/14/2014 12:32:00 PM

Lab ID:

1405658-001

Matrix: MEOH (SOIL)

Received Date: 5/15/2014 10:08:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|----------------------|----------|
| EPA METHOD 8015D: DIESEL RANG | GE ORGANICS | | | | Analy | st: JME |
| Diesel Range Organics (DRO) | 180 | 9.9 | mg/Kg | 1 | 5/16/2014 10:19:49 A | M 13180 |
| Surr: DNOP | 117 | 57.9-140 | %REC | 1 | 5/16/2014 10:19:49 A | M 13180 |
| EPA METHOD 8015D: GASOLINE RA | ANGE | | | | Analy | rst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.4 | mg/Kg | 1 | 5/15/2014 12:44:29 F | M R18624 |
| Surr: BFB | 88.2 | 80-120 | %REC | 1 | 5/15/2014 12:44:29 F | M R18624 |

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

Qualifiers:

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

Page 1 of 7

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Lab Order 1405658

Date Reported: 5/16/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-3

Project: CoP Lindrith B #8 South Excavation

Collection Date: 5/14/2014 12:34:00 PM

Lab ID: 1405658-002

Matrix: MEOH (SOIL) Received Date: 5/15/2014 10:08:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|----------------------|-----------------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | | Analy | /st: JME |
| Diesel Range Organics (DRO) | 120 | 9.9 | mg/Kg | 1 | 5/16/2014 11:03:27 | AM 13180 |
| Surr: DNOP | 99.9 | 57.9-140 | %REC | 1 | 5/16/2014 11:03:27 | AM 13180 |
| EPA METHOD 8015D: GASOLINE F | RANGE | | | | Analy | /st: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | mg/Kg | 1 | 5/15/2014 1:13:00 PI | M R18624 |
| Surr: BFB | 88.2 | 80-120 | %REC | 1 | 5/15/2014 1:13:00 Pf | M R18624 |

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

Qualifiers:

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

Page 2 of 7

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Lab Order **1405658**

Date Reported: 5/16/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-4

Project: CoP Li

CoP Lindrith B #8 South Excavation

Collection Date: 5/14/2014 12:36:00 PM

Lab ID: 1405658-003

Matrix: MEOH (SOIL) Received Date: 5/15/2014 10:08:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|----------------------|---------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | | Analy | st: JME |
| Diesel Range Organics (DRO) | 220 | 10 | mg/Kg | 1 | 5/16/2014 11:47:12 A | M 13180 |
| Surr: DNOP | 96.0 | 57.9-140 | %REC | 1 | 5/16/2014 11:47:12 A | M 13180 |
| EPA METHOD 8015D: GASOLINE F | RANGE | | | | Analys | st: NSB |
| Gasoline Range Organics (GRO) | ND | 3.1 | mg/Kg | 1 | 5/15/2014 1:41:42 PM | R18624 |
| Surr: BFB | 87.0 | 80-120 | %REC | 1 | 5/15/2014 1:41:42 PM | R18624 |

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

Qualifiers:

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

Page 3 of 7

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Lab Order 1405658

Date Reported: 5/16/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-5

Project: CoP Lindrith B #8 South Excavation

Collection Date: 5/14/2014 12:38:00 PM

Lab ID: 1405658-004

Matrix: MEOH (SOIL) Received Date: 5/15/2014 10:08:00 AM

| Analyses | Result | RL Qu | ıal Units | DF | Date Analyzed · | Batch |
|-------------------------------|------------|----------|-----------|----|-----------------------|--------|
| EPA METHOD 8015D: DIESEL RANG | E ORGANICS | | | | Analyst | JME |
| Diesel Range Organics (DRO) | 430 | 10 | mg/Kg | 1 | 5/16/2014 12:31:07 PM | 13180 |
| Surr: DNOP | 101 | 57.9-140 | %REC | 1 | 5/16/2014 12:31:07 PM | 13180 |
| EPA METHOD 8015D: GASOLINE RA | NGE | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | 4.3 | 3.3 | mg/Kg | 1 | 5/15/2014 2:10:21 PM | R18624 |
| Surr: BFB | 118 | 80-120 | %REC | 1 | 5/15/2014 2:10:21 PM | R18624 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.033 | mg/Kg | 1 | 5/15/2014 2:10:21 PM | R18624 |
| Toluene | ND | 0.033 | mg/Kg | 1 | 5/15/2014 2:10:21 PM | R18624 |
| Ethylbenzene | ND | 0.033 | mg/Kg | 1 | 5/15/2014 2:10:21 PM | R18624 |
| Xylenes, Total | ND | 0.066 | mg/Kg | 1 | 5/15/2014 2:10:21 PM | R18624 |
| Surr: 4-Bromofluorobenzene | 105 | 80-120 | %REC | 1 | 5/15/2014 2:10:21 PM | R18624 |

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

Qualifiers:

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

Page 4 of 7

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405658

16-May-14

Client:

Animas Environmental

Project:

CoP Lindrith B #8 South Excavation

| Sample ID MB-13155 | SampT | ype: ME | BLK | Tes | tCode: E | PA Method | 8015D: Dies | el Range (| Organics | |
|----------------------|-------------|----------------|-----------|-------------|----------|-----------|-------------|------------|----------|------|
| Client ID: PBS | Batch | ID: 13 | 155 | F | RunNo: 1 | 8605 | | | | |
| Prep Date: 5/13/2014 | Analysis Da | ate: <i>5/</i> | 15/2014 | | SeqNo: 5 | 37633 | Units: %RE | С | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 11 | | 10.00 | | 115 | 57.9 | 140 | | | |

| Sample ID LCS-13155 | SampType: LCS | | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | |
|----------------------|----------------------|---------------|-----------|---|----------|----------|------------|------|----------|------|
| Client ID: LCSS | Batch | ID: 13 | 155 | R | tunNo: 1 | 8605 | | | | |
| Prep Date: 5/13/2014 | Analysis Da | ate: 5/ | 15/2014 | S | SeqNo: 5 | 37661 | Units: %RE | С | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 6.0 | | 5.000 | | 120 | 57.9 | 140 | | | |

| Sample ID MB-13180 | SampT | SampType: MBLK TestCode | | | | EPA Method 8015D: Diesel Range Organics | | | | | |
|-----------------------------|------------|-------------------------|-----------|-------------|-----------------|---|-------------|------|----------|------|--|
| Client ID: PBS | Batch | ı ID: 13 | 180 | F | RunNo: 1 | 8605 | | | | | |
| Prep Date: 5/15/2014 | Analysis D | ate: 5/ | 15/2014 | S | SeqNo: 5 | 37900 | Units: mg/k | ζg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | | |
| Surr: DNOP | 9.7 | | 10.00 | | 96.7 | 57.9 | 140 | | | | |

| Sample ID LCS-13180 | Sampı | Samp Type: LCS | | | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | |
|-----------------------------|------------|-----------------|-----------|-------------|---|----------|-------------|------|----------|------|--|
| Client ID: LCSS | Batch | ı ID: 13 | 180 | F | RunNo: 1 | 8605 | | | | | |
| Prep Date: 5/15/2014 | Analysis D | ate: 5/ | 15/2014 | S | SeqNo: 5 | 37901 | Units: mg/K | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | 59 | 10 | 50.00 | 0 | 118 | 60.8 | 145 | | | | |
| Surr: DNOP | 5.1 | | 5.000 | | 103 | 57.9 | 140 | | | | |

Qualifiers:

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

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc.

Result

23

930

PQL

5.0

WO#:

1405658 16-May-14

Client:

Animas Environmental

Project:

Analyte

Surr: BFB

Gasoline Range Organics (GRO)

CoP Lindrith B #8 South Excavation

TestCode: EPA Method 8015D: Gasoline Range Sample ID MB-13175 MK SampType: MBLK Client ID: PBS Batch ID: R18624 RunNo: 18624 Prep Date: Analysis Date: 5/15/2014 SegNo: 538752 Units: mg/Kg SPK value SPK Ref Val %REC **RPDLimit** Analyte Result **PQL** LowLimit HighLimit %RPD Qual Gasoline Range Organics (GRO) ND 5.0 Surr: BFB 850 1000 85.3 80 120 Sample ID LCS-13175 MK SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: R18624 RunNo: 18624 Prep Date: Analysis Date: 5/15/2014 SeqNo: 538753 Units: mg/Kg

0

%REC

90.8

93.5

LowLimit

71.7

80

HighLimit

134

120

%RPD

RPDLimit

Qual

SPK value SPK Ref Val

25.00

1000

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

O RSD is greater than RSDlimit

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

P Sample pH greater than 2.

RL Reporting Detection Limit

Page 6 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1405658

16-May-14

Client:

Animas Environmental

Project:

CoP Lindrith B #8 South Excavation

| Sample ID MB-13175 MK | Samp ⁻ | Гуре: МЕ | BLK | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
|----------------------------|-------------------|-----------------|-----------|--------------|----------|-----------|-------------|-------|----------|------|
| Client ID: PBS | Batc | h ID: R1 | 8624 | RunNo: 18624 | | | | | | |
| Prep Date: | Analysis [| Date: 5/ | 15/2014 | S | SeqNo: 5 | 38774 | Units: mg/k | ζg | | |
| 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 | | 103 | 80 | 120 | | | |

| Sample ID LCS-13175 MK | Samp | Type: LC | s | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
|----------------------------|------------|---|-----------|-------------|-----------|-----------|-------------|------------|----------|------|
| Client ID: LCSS | Bato | Batch ID: R18624 RunNo: 18624 | | | | | | | | |
| Prep Date: | Analysis (| Date: 5 / | 15/2014 | \$ | SeqNo: 5 | 38775 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.050 | 1.000 | 0 | 119 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 109 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 106 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 104 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 105 | 80 | 120 | | | |

Qualifiers:

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

Page 7 of 7



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 | Nork Order Number: 1405658 | | RcptNo: | 1 |
|--|-----------------------------|------------------------|--|---------------------|
| Received by/date: CS // | 5/14 | | | |
| Logged By: Michelle Garcia 5/1 | 5/2014 10:08:00 AM | Michell Go | nue) | |
| | 5/2014 10:32:42 AM | - Мини Ср - Міни Ср | 14114 | ļ |
| Reviewed By: | nelisti4 | ' 7 | | |
| Chain of Custody | 09(12), | | | |
| 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 | | | |
| <u>Log In</u> | | | | |
| 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 pro | reserved? 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 🗹 | # of preserved | |
| | | | bottles checked | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes. 🗹 | No 🗔 | for pH: (<2 o | r >12 unless noted) |
| 13. Are matrices correctly identified on Chain of Cus | stody? Yes 🗹 | No 🗆 | Adjusted? | |
| 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 🗌 | Checked by: | |
| (ii no, notify customer for authorization.) | | | | |
| 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: | | | The second secon | |
| 17. Additional remarks: | | | | J |
| 18. Cooler Information Cooler No Temp ℃ Condition Seal. 1 1.2 Good Yes | ntact Seal No Seal Date | Signed By | | · |
| . Inc loom lies | | | | |

| Chain-of-Custody Record | Turr-Around Time. | LIL HALL ENVIRONMENTAL |
|--|--|--|
| Client: Animas Environmenta | Destandard Krush Same day Project Name: CoP Lindrith B#8 South Exc | ANALYSIS LABORATORY |
| Services LLC | Project Name: | www.hallenvironmental.com |
| Mailing Address: 624 E Comanchi | Cop Lindrith B#8 South Exc | AVATION 4901 Hawkins NE - Albuquerque, NM 87109 |
| Farmington DM 87401 | Project #: | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: 505 564 2281 | | Analysis Request |
| email or Fax#: | Project Manager: | 8021) as only) //MIRO) 24,SO4) CB's |
| DA/QC Package: Standard | tion) 1) Watson | (OR) / MRO) 1) 10 10 10 10 10 10 10 10 1 |
| Accreditation | Sampler: DW atson On Ice | E + TPH 418.1) 504.1) 504.1) 504.1) 68 / 8082 68 / 8082 |
| ⊐ EDD (Type) | Sample Temperature: / 2.9 | MTBE 15B(GF) ethod 4 ethod 5 ethod 5 S310 or VOA) vOA) emi-VO |
| Date Time Matrix Sample Request | Type and # Type | H; S (M H; S (|
| -14-14 1232 So. 1 SC-2 | Medit Med Har -COI | |
| 14-14 1234 SN Sc-3 | HOUTH HOT MOTH 602 | |
| 1414 1236 Sul SC-4 | Walt Kit 402 Medit - 003 | |
| 14-14 1238 Snl SC-5 | Matter heit - co4 | |
| 1111 250 014 300 | 7-700 | |
| | | |
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| | AND THE RESERVE OF THE PROPERTY OF THE PROPERT | |
| Date: Time: Relinquished by: Date: Time: Relinquished by: | Received by: Date Time 5/14/14/173; Received by: Date Time | 3 Remarks: Bull to Conoco Phillips |
| Mr 1754 Muster Walley | Celin Sura 05/15/14 10:0 | of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |



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

OrderNo.: 1405665

May 20, 2014

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

FAX

RE: CoP Lindrith B #8 South Excavation

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/15/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

anded

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1405665

Date Reported: 5/20/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project:

CoP Lindrith B #8 South Excavation

Collection Date: 5/14/2014 12:30:00 PM

Lab ID:

1405665-001

Matrix: SOIL

Received Date: 5/15/2014 10:08:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|----------------------|---------|
| EPA METHOD 8015D: DIESEL RANG | GE ORGANICS | | | | Analy | st: BCN |
| Diesel Range Organics (DRO) | ND | 9.9 | mg/Kg | 1 | 5/16/2014 11:00:40 P | M 13180 |
| Surr: DNOP | 105 | 57.9-140 | %REC | 1 | 5/16/2014 11:00:40 P | M 13180 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | | Analy | st: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 5/16/2014 4:56:13 PM | 1 13192 |
| Surr: BFB | 87.0 | 80-120 | %REC | 1 | 5/16/2014 4:56:13 PM | 1 13192 |

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 1 of 3
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1405665

20-May-14

Client:

Animas Environmental

Project:

CoP Lindrith B #8 South Excavation

| Sample ID MB-13180 | SampT | ype: MI | BLK | Tes | tCode: E | PA Method | 8015D: Dies | el Range (| Organics | | | | |
|-----------------------------|------------|------------------------------|-----------|-------------|-----------------|-----------|--------------|------------|----------|------|--|--|--|
| Client ID: PBS | Batch | Batch ID: 13180 RunNo: 18605 | | | | | | | | | | | |
| Prep Date: 5/15/2014 | Analysis E |)ate: 5/ | /15/2014 | S | SeqNo: 5 | 37900 | 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 | 9.7 | | 10.00 | | 96.7 | 57.9 | 140 | | | | | | |

| Sample ID LCS-13180 | SampT | ype: LC | :S | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | | | |
|-----------------------------|--|---------------|-----------|---|----------|----------|-----------------|------|----------|------|--|--|--|--|
| Client ID: LCSS | Batch | ID: 13 | 180 | F | RunNo: 1 | 8605 | | | | | | | | |
| Prep Date: 5/15/2014 | 5/15/2014 Analysis Date: 5/15/2014 SeqNo: 537901 | | | | | 37901 | 01 Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | | |
| Diesel Range Organics (DRO) | 59 | 10 | 50.00 | 0 | 118 | 60.8 | 145 | | | | | | | |
| Surr: DNOP | 5.1 | | 5.000 | | 103 | 57.9 | 140 | | | | | | | |

Qualifiers:

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

RL Reporting Detection Limit

Page 2 of 3

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405665

20-May-14

Client:

Animas Environmental

Project:

CoP Lindrith B #8 South Excavation

| Sample ID MB-13192 Client ID: PBS | • | îype: ME h ID: 13 | | | tCode: El RunNo: 1 | | 8015D: Gaso | oline Rang | e | |
|-----------------------------------|------------|------------------------------------|-----------|-------------|-----------------------|-----------|-------------|------------|----------|------|
| Prep Date: 5/15/2014 | Analysis [| | | | SeqNo: 5 | | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 840 | | 1000 | | 84.4 | 80 | 120 | | | |
| Sample ID LCS-13192 | Samp | ype: LC | s | Tes | tCode: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: LCSS | Batc | n ID: 13 | 192 | F | RunNo: 1 | 8658 | | | | |

| Campio is 200 ioio | Campi | , pc. | • | 100 | | Amonioa | 00102. 0000 | mile italig | | | |
|-------------------------------|------------|-----------------|-----------|-------------|-----------------|----------|-------------|-------------|----------|------|--|
| Client ID: LCSS | Batch | ID: 13 | 192 | F | RunNo: 1 | 8658 | | | | | |
| Prep Date: 5/15/2014 | Analysis D | ate: 5 / | 16/2014 | 8 | SeqNo: 5 | 39585 | Units: mg/k | (g | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 93.2 | 71.7 | 134 | | | | |
| Surr: BFB | 970 | | 1000 | | 97.3 | 80 | 120 | | | | |

Qualifiers:

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

RL Reporting Detection Limit

Page 3 of 3



4901 Hawkins NE Albuquerque, NM 87105

Sample Log-In Check List TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com Client Name: Animas Environmental Work Order Number: 1405665 RcptNo: 1 Received by/date: Logged By: Michelle Garcia 5/15/2014 10:08:00 AM Completed By: Michelle Garcia 5/15/2014 11:06:39 AM Reviewed By: Chain of Custody 1 Custody seals intact on sample bottles? Yes 🗌 No 🗌 Not Present No 🗌 Yes 🗹 Not Present 2. Is Chain of Custody complete? 3. How was the sample delivered? Courier Log In Yes V No 🗌 NA 🗌 4. Was an attempt made to cool the samples? 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗹 No 🗌 NA 🗌 No 🗌 6. Sample(s) in proper container(s)? Yes 🗹 Yes 🔽 No 🗆 7. Sufficient sample volume for indicated test(s)? No 🗆 Yes 🗹 8. Are samples (except VOA and ONG) properly preserved? Yes 🗌 No 🔽 NA 🗌 9. Was preservative added to bottles? No VOA Vials 🗹 No 🗆 10.VOA vials have zero headspace? Yes 🗌 No 🔽 11. Were any sample containers received broken? # of preserved bottles checked Yes 🗸 No 🗆 for pH: 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) (<2 or >12 unless noted) Adjusted? Yes 🗹 No 🔲 13. Are matrices correctly identified on Chain of Custody? No 🗆 Yes 🔽 14. Is it clear what analyses were requested? Checked by Yes 🗸 No 🔲 15. Were all holding times able to be met? (If no, notify customer for authorization.)

Special Handling (if applicable)

| 16.\ | Was client notified of all d | iscrepancles with this order? | | Yes 🗌 | No 🗆 | NA 🗹 |
|------|------------------------------|--|---------------------------|--|--|----------------|
| | Person Notified: | | Date: | | | |
| | By Whom: | | Via: | eMail | Phone 🗌 Fax 📋 |] in Person |
| | Regarding: | At a the Make a gast discount of the control of the | the state of the state of | The state of the S | | |
| | Client Instructions: | hitadaminina arang ay san at atay ga ay taman kadanika arang ay sa sa sa | | and the second s | apolitector del per per per la recharge de la contraction de la co | and the second |

17. Additional remarks:

18. Cooler Information

| Cooler No | Temp ºC | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 1.2 | Good | Yes | | | • |
| | | | | | | |

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|--------------------------|------------------|-------------|--|-------------------------|---------------------------------------|--|----------------|--|---------------------------|-----------|--|---------------------------------------|---|------------------------------|-------------|-----------------|----------|-----------|------------|-------------|
| Client: | Anin | us E | hvironmento | Standard | □ Rush | |] | | | | | | | | | | | NT/ TO | | , |
| | S | Nieso | lic | Project Name | ə: | • | | e de la companya de l | He | | arar h | ollon | viron | man | tal a | -m | | | | |
| Mailing | Address | 624 | tic 5 Comanche | Cop Lind | nta B# | 8 South Excav | aho | , n49 | 01 H | awkin | s NE | - Al | buqu | erqu | e, N | M 87 | 109 | | | |
| Far | mueto | N NA | n 87401 | Project #: | | | | Τe | el. 50 | 5-345 | -397 | 5 | Fax | 505- | 345 | -4107 | | | | |
| Phone # | # 505 | 35b4 | 228 | | | | | | | | 1914 | | | | ues | | | | | |
| email oi | Fax#: | <u> </u> | , | Project Mana | iger: | | 5 | (yluc | RO) | | | | S ₀ | S | | | | | | |
| QA/QC F | Package: dard | | ☐ Level 4 (Full Validation) | D Wat | 30'N | | s (802 | (Gas c | 30 M | | SWIS | | PO4,8 | 2 PCB | | | | | | |
| Accredi | | □ Othe | PF | Sampler:D \ | 1. (4.40) | □ No . | + TMB's (8021) | + TPH | D CO | 18.1) | 8270 | ; ; | 23,NO ₂ | s / 8082 | | (4) | | | | S Io |
| □ EDD | (Type) | | | | perature: / 5 | | | TBE | (<u>§</u> | od 4 | | etak | ا ک | cide | Æ | \ <u>.</u> | | | | ≿ |
| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. | BTEX + MTBE | BTEX + M | STPH 8015B(GRO)(DRO) MRO) | TPH (Meth | EDB (Method 504.1) PAH's (8310 or 8270 SIMS) | RCRA 8 M | Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | | | | Air Bubbles |
| -1414 | 1230 | Sal | SC-1 | 1-402 | | -801 | | | X | | | | <u> </u> | | | | \top | | + | T |
| - - - - | | | | | | | | | | | | | | | | | | 1 | \top | T |
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| Date: | Time: 1133 | Relinquish | 4 Watson | Received by: | elibete | Date Time 5/11/14 7733 | IRen | nark | s: [| Fill | fo ! | Con | ひひ | Phil | lef |) | | | | |
| Date: | Time: | Relinquish | ed by: | Received by | Sum | Date Time 05/15/14 10:08 | | | | | | | | | | | | | | |
| 4 411 | fnecessary | samples sub | mitted to Hall Environmental may be subc | contracted to other a | ccredited laboratorie | es. This serves as notice of this | possit | bility. | Any su | b-contra | cted dat | a will b | e clear | ly nota | ted on | the an | alytical | report. | | |



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

OrderNo.: 1405887

May 22, 2014

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

FAX

RE: CoP Lindrith B #8

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 3 sample(s) on 5/21/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1405887

Date Reported: 5/22/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-6

CoP Lindrith B #8 Project:

Collection Date: 5/20/2014 12:05:00 PM

1405887-001 Lab ID:

Matrix: MEOH (SOIL)

Received Date: 5/21/2014 10:00:00 AM

| Analyses | Result | RL Qu | al Units | DF Date Analyzed | Batch |
|--|-------------|-----------------|---------------|--|---------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | Analy | st: BCN |
| Diesel Range Organics (DRO) Surr: DNOP | ND 83.8 | 9.9 57.9-140 | mg/Kg %REC | 1 5/21/2014 2:41:40 PM 1 5/21/2014 2:41:40 PM | |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | Analy | st: NSB |
| Gasoline Range Organics (GRO) Surr: BFB | ND 96.2 | 3.4 80-120 | mg/Kg %REC | 1 5/21/2014 12:30:58 P 1 5/21/2014 12:30:58 P | |

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range Е
- Analyte detected below quantitation limits J
- O RSD is greater than RSDlimit
- RPD outside accepted recovery limits R
- Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Page 1 of 5

Sample pH greater than 2.

P

RL Reporting Detection Limit

Lab Order 1405887

Date Reported: 5/22/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

CoP Lindrith B #8

Lab ID: 1405887-002

Project:

Client Sample ID: SC-7

Collection Date: 5/20/2014 12:35:00 PM

Matrix: MEOH (SOIL) Received Date: 5/21/2014 10:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Batch | |
|-------------------------------|-------------|----------|----------|----|----------------------|----------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | - | Analy | st: BCN |
| Diesel Range Organics (DRO) | 94 | 10 | mg/Kg | 1 | 5/21/2014 1:46:12 PM | A 13277 |
| Surr: DNOP | 101 | 57.9-140 | %REC | 1 | 5/21/2014 1:46:12 PM | A 13277 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | | Analy | st: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | mg/Kg | 1 | 5/21/2014 12:59:31 P | M R18771 |
| Surr: BFB | 93.0 | 80-120 | %REC | 1 | 5/21/2014 12:59:31 P | M R18771 |

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

Qualifiers:

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

Page 2 of 5

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Lab Order 1405887

Date Reported: 5/22/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-9

Project: CoP Lindrith B #8

Collection Date: 5/20/2014 11:00:00 AM

Lab ID: 1405887-003

Matrix: MEOH (SOIL) Received Date: 5/21/2014 10:00:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|----|----------------------|---------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | | Analy | st: BCN |
| Diesel Range Organics (DRO) | 620 | 10 | mg/Kg | 1 | 5/21/2014 3:17:34 PM | 13277 |
| Surr: DNOP | 117 | 57.9-140 | %REC | 1 | 5/21/2014 3:17:34 PM | 13277 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | | Analys | st: NSB |
| Gasoline Range Organics (GRO) | ND | 2.9 | mg/Kg | 1 | 5/21/2014 1:28:12 PM | R18771 |
| Surr: BFB | 115 | 80-120 | %REC | 1 | 5/21/2014 1:28:12 PM | R18771 |

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

Qualifiers:

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

Page 3 of 5

- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#· 1405887

22-May-14

Client: Project: Animas Environmental

Sample ID LCS-13258

CoP Lindrith B #8

SampType: LCS Batch ID: 13258 TestCode: EPA Method 8015D: Diesel Range Organics

Prep Date: 5/20/2014

Client ID: LCSS

RunNo: 18749

Analysis Date: 5/21/2014

SeqNo: 541686

Units: %REC

%RPD **RPDLimit** Qual 140

Analyte Result PQL Surr: DNOP 4.3

SPK value SPK Ref Val 5.000

%REC LowLimit 86.5 57.9 HighLimit

Sample ID LCS-13277

SampType: LCS Client ID: LCSS Batch ID: 13277

RunNo: 18749

TestCode: EPA Method 8015D: Diesel Range Organics

Prep Date: 5/21/2014 Analysis Date: 5/21/2014

Units: mg/Kg

Analyte Diesel Range Organics (DRO)

PQL 49 10

SPK value SPK Ref Val

SeqNo: 541687 %REC LowLimit

HighLimit

%RPD

Surr: DNOP

4.7

50.00 5.000

n 98.7 94.5 60.8 57.9

145 140

%RPD

RPDLimit Qual

Qual

Sample ID MB-13258

PBS

SampType: MBLK

Batch ID: 13258

TestCode: EPA Method 8015D: Diesel Range Organics RunNo: 18749

Analyte

Client ID:

Prep Date: 5/20/2014

Analysis Date: 5/21/2014 PQL

SPK value SPK Ref Val %REC

SeqNo: 541688

LowLimit

57.9

Units: %REC

140

HighLimit

Surr: DNOP

Sample ID MB-13277

SampType: MBLK

10.00

RunNo: 18749

97.6

TestCode: EPA Method 8015D: Diesel Range Organics

Client ID: PBS Prep Date: 5/21/2014 Batch ID: 13277

Result

9.8

Analysis Date: 5/21/2014

SeqNo: 541689

Units: mg/Kg

Analyte

PQL

10

SPK value SPK Ref Val %REC LowLimit HighLimit

%RPD

RPDLimit

RPDLimit Qual

Diesel Range Organics (DRO) Surr: DNOP

ND 8.1

Result

10.00

81.5

57.9

140

Qualifiers:

S

- Value exceeds Maximum Contaminant Level.
- Value above quantitation range E
- Analyte detected below quantitation limits .]
- RSD is greater than RSDlimit 0
- R RPD outside accepted recovery limits

Spike Recovery outside accepted recovery limits

- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- Sample pH greater than 2
- Reporting Detection Limit RL
- В Analyte detected in the associated Method Blank
 - Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405887

22-May-14

Client: Project: Animas Environmental

CoP Lindrith B #8

| Sample ID MB-13266 MK | Samp | SampType: MBLK | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------------|------------------------------------|-----------------|-----------|----------------------------|--|--|-----------|------|----------|------|--|--|
| Client ID: PBS | Batc | h ID: R1 | 8771 | F | RunNo: 1 | 8771 | | | | | | |
| Prep Date: Analysis Date: 5/21/2014 | | | | SeqNo: 542189 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 | 860 | | 1000 | | 86.5 | 80 | 120 | | | | | |
| Sample ID LCS-13266 MK | nple ID LCS-13266 MK SampType: LCS | | | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |

| Sample ID LCS-13266 MK | SampT | ype: LC | :S | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------|---------|-----------|--|----------|----------|--------------|------|----------|------|--|--|
| Client ID: LCSS Batch ID: R18771 | | | | F | RunNo: 1 | 8771 | | | | | | |
| Prep Date: | Analysis Date: 5/21/2014 | | | SeqNo: 542190 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Gasoline Range Organics (GRO) | 22 | 5.0 | 25.00 | 0 | 86.1 | 71.7 | 134 | | | | | |
| Surr: BFB | 1000 | | 1000 | | 100 | 80 | 120 | | | | | |

Qualifiers:

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

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

| Client Name: Anima's Environmenta | Work Order Numbe | r: 1405887 | | ReptNo: | ptNo: 1 | | | | | | | |
|---|---|---------------|-------------|--------------------------------|---------------------|--|--|--|--|--|--|--|
| Received by/date: | 05/21/4 | | | | | | | | | | | |
| Logged By: Lindsay Mangin | 5/21/2014 10:00:00 A | M | Judy Hlago | | 1 | | | | | | | |
| Completed By: Lindsay Mangin | 5/21/2014 10:15:44 A | м | July Hope | | | | | | | | | |
| Reviewed By: | 05/21/1 | lj | | | <u> </u> - | | | | | | | |
| Chain of Custody | | - | | | | | | | | | | |
| 1. Custody seals intact on sample bottl | les? | Yes 🗌 | No 🗌 | Not Present | | | | | | | | |
| 2. Is Chain of Custody complete? | | Yes 🗹 | No 🗋 | Not Present | | | | | | | | |
| 3. How was the sample delivered? | | Courier | | | | | | | | | | |
| <u>Log In</u> | | | | | | | | | | | | |
| 4. Was an attempt made to cool the sa | amples? | Yes 🗹 | No 🗌 | NA 🗆 | | | | | | | | |
| 5. Were all samples received at a temp | perature of >0° C to 6.0°C | Yes 🗹 | No 🔲 | na 🗆 | | | | | | | | |
| 6. Sample(s) In proper container(s)? | | Yes 🗹 | No 🗆 | | | | | | | | | |
| 7. Sufficient sample volume for indicate | ed 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 receive | ed broken? | Yes | No ☑ [| | | | | | | | | |
| | | | | # of preserved bottles checked | | | | | | | | |
| 12. Does paperwork match bottle labels' (Note discrepancies on chain of cust | | Yes 🗹 | No 🗌 | for pH: (<2 a | r >12 unless noted) | | | | | | | |
| 13. Are matrices correctly identified on C | | Yes 🗹 | No 🛚 | Adjusted? | | | | | | | | |
| 14. Is it clear what analyses were reques | • | Yes 🗹 | No 🗆 | | | | | | | | | |
| 15. Were all holding times able to be me | | Yes 🗹 | No 🗆 | Checked by: | | | | | | | | |
| (If no, notify customer for authorizati | on.) | | • | | | | | | | | | |
| Special Handling (if applicable) | • | | | | | | | | | | | |
| 16. Was client notified of all discrepance | | Yes 🗌 | No 🗆 | na 🗹 | | | | | | | | |
| Person Notified: | Date: | | | | } | | | | | | | |
| By Whom: | Via: | eMail 🗌 | Phone Fax | ☐ In Person | | | | | | | | |
| Regarding: | | | | in the second second second | [- | | | | | | | |
| Client Instructions: | the second se | | | | <u> </u> | | | | | | | |
| 17. Additional remarks: | | | | | _ | | | | | | | |
| 18. Cooler Information Cooler No Temp °C Condition 1 1.0 Good | on Seal Intact Seal No | Seal Date | Signed By | | | | | | | | | |

| | Chain-ot-Custody Record | | | | | | | | | Mil | . A | | = | REX. | T E | 200 | A I A | 1EN | TA | . 1 | |
|---------------------|-------------------------|---------------------------------------|--|-------------------------------------|----------------------|---------------------------------------|----------|------------|---------------------|--------------------|-----------|-----------------------|---------------|-------------------------------|-----------------|-------------|-----------------|-------------|--------|-------------|-------------|
| Client: | | | Environmental | ☐ Standard | Rush | samday | | | | A | N | AL | YS | SI S | 5 L | AE | 30 | RAT | | | |
| | Sev | NOS | LLC | | | · | " | | | • | www | v.hal | llenv | ironr | nent | tal.co | mc | | | | |
| Mailing | Address: | 624 | E Comanche | lot Line | duth B# | 8 | _ | 49 | 01 H | awki | ns N | 1E - | Alb | uque | erqu | e, Ni | M 87 | 109 | | | |
| F | VMIA | eton | NM 87401 | Project #: | | | | | el. 50 | | | | | | | | 4107 | | | | |
| | | 5566 | | | | | | | 901 | | | Ą | naly | /sis | Req | uest | | | | | 1 |
| email o | | | | Project Manager: | | | | only) | MRO) | | | | | (†C | | | | | | | |
| QA/QC I | Package: dard | | ☐ Level 4 (Full Validation) | D. Watson Sampler: D Watson | | | | (Gas or | | | | SIMS) | | ,PO4,S | 2 PCB's | | | | | | |
| Áccredi □ NEL | | □ Othe | · | Sampler: D Watson Onlice: Xies I No | | | | + TPH (Gas | | 18.1) | 04.1) | 8270 | | O3,NO ₂ | s / 8082 | | € | | | | Z |
| □ EDD | (Type) | · · · · · · · · · · · · · · · · · · · | | Sample frem | derature. | 70° | MTBE | MTBE | 9 | 8 4 | 0 2 | 0 0 | stals | Ň, | jge | ৱ | | | | | ځ |
| Date | Time | Matrix | Sample Request ID | Type and # | Preservative Type | HEAL NO | | BTEX + MI | TPH 8015B(GRQ) DRO) | TPH (Method 418.1) | EDB (Meth | PAH's (8310 or 8270 S | RCRA 8 Metals | Anions (F,CI,NO3,NO2,PO4,SO4) | 8081 Pesticides | 8260B (VOA) | 8270 (Semi-VOA) | | | | Air Bubbles |
| 5-20-14 | 205 | Soil | X-6 | 1-402 Methy | Mest | -001 | | | X | | | | | | | | | | | | |
| | 1235 | | SC-7 | 1-457 Meditat | THEOH | 1 | | | X | | | | | | | | | | \Box | П | |
| 7 | 100 | | Sc-9 | 1-402 Mes Hers | MeoH | -002 | | | X | | | | | | | | | | | | |
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| Date: Strofty Date: | Time: | Relinquishe Relinquishe | nelWater | Received by: Received by: | - Lbete | Date Time 5/20/14 /L45 Date Time | Ren | nark: | s:-Bi | u ta | - C | I |)) (| Ph | lly | 20 | | | | | |
| 5/20/14 | 1710 | Mis | the Walle. nitted to Hall Environmental may be subc | Celux | - Suna | 05/21/14 10:00 | | - Miles - | | . | | | 40 % | | | | Alex . | Ab 451 | | | _ |



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

May 23, 2014

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

FAX

RE: CoP Lindrith B #8 OrderNo.: 1405895

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/21/2014 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andel

4901 Hawkins NE

Albuquerque, NM 87109

Lab Order 1405895

Date Reported: 5/23/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

G B I : 1 : 1 B #0

CoP Lindrith B #8

Lab ID: 1405895-001

Project:

Client Sample ID: SC-8

Collection Date: 5/20/2014 10:55:00 AM

Received Date: 5/21/2014 10:00:00 AM

| Analyses | Result | · RL Qu | al Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|----------|-------|----------------------|---------|
| EPA METHOD 8015D: DIESEL RAN | GE ORGANICS | | | Analy | st: BCN | |
| Diesel Range Organics (DRO) | ND | 10 | mg/Kg | 1 | 5/22/2014 10:23:50 A | M 13277 |
| Surr: DNOP | 101 | 57.9-140 | %REC | 1 | 5/22/2014 10:23:50 A | M 13277 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | | Analy | st: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 5/22/2014 4:04:35 PM | M 13281 |
| Surr: BFB | 85.2 | 80-120 | %REC | 1 | 5/22/2014 4:04:35 PM | A 13281 |

Matrix: SOIL

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

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Page 1 of 3
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

ND

8.1

10

10.00

WO#: 1405895

23-May-14

Client: Project Animas Environmental

Diesel Range Organics (DRO)

Surr: DNOP

CoP Lindrith B #8

| Sample ID LCS-13277 | SampType: | LCS | TestCode: EPA Method 8015D: Diesel Range Organics | | | | | | | | | | |
|-----------------------------|----------------|------------------------------|---|-----------|-------------|--------------|------------|----------|------|--|--|--|--|
| Client ID: LCSS | Batch ID: | Batch ID: 13277 RunNo: 18749 | | | | | | | | | | | |
| Prep Date: 5/21/2014 | Analysis Date: | S | SeqNo: 5 | 41687 | Units: mg/K | (g | | | | | | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | | |
| Diesel Range Organics (DRO) | 49 | 10 50.00 | 0 | 98.7 | 60.8 | 145 | | | | | | | |
| Surr: DNOP | 4.7 | 5.000 | | 94.5 | 57.9 | 140 | | | | | | | |
| Sample ID MB-13277 | SampType: | MBLK | Tes | tCode: El | PA Method | 8015D: Diese | el Range (| Organics | | | | | |
| Client ID: PBS | Batch ID: | 13277 | RunNo: 18749 | | | | | | | | | | |
| Prep Date: 5/21/2014 | Analysis Date: | 5/21/2014 | SeqNo: 541689 | | | Units: mg/K | ίg | | | | | | |
| Analyte | Result PQ | L SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | | |

81.5

57.9

140

Qualifiers:

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

Page 2 of 3

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405895

23-May-14

Client:

Animas Environmental

Project:

CoP Lindrith B #8

| Sample ID MB-13281 | SampT | уре: М Е | BLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|------------|-----------------|-----------|--|----------|----------|-------------|------|----------|------|--|--|
| Client ID: PBS | Batch | 1D: 13 | 281 | R | tunNo: 1 | | | | | | | |
| Prep Date: 5/21/2014 | Analysis D | ate: 5 / | 22/2014 | S | SeqNo: 5 | 43156 | Units: mg/k | (g | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | | | |
| Surr: BFB | 830 | | 1000 | | 83.0 | 80 | 120 | | | | | |

| Sample ID LCS-13281 | SampT | ype: LC | s | Tes | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | |
|-------------------------------|------------|--------------------------|-----------|-------------|--|----------|-------------|------|----------|------|--|--|--|--|
| Client ID: LCSS | Batch | i ID: 13 | 281 | F | RunNo: 1 | 8795 | | | | | | | | |
| Prep Date: 5/21/2014 | Analysis D | Analysis Date: 5/22/2014 | | | SeqNo: 5 | 43158 | Units: mg/k | (g | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | | |
| Gasoline Range Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 85.4 | 71.7 | 134 | | | | | | | |
| Surr: BFB | 910 | | 1000 | | 90.7 | 80 | 120 | | | | | | | |

Qualifiers:

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

RL Reporting Detection Limit

Page 3 of 3



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: Anlmas Environmental RcptNo: 1 Work Order Number: 1405895 Received by/date: Logged By: Lindsay Mangin 5/21/2014 10:00:00 AM Completed By: Lindsay Mangin 5/21/2014 10:56:26 AM Reviewed By: Chain of Custody Yes 🗌 No 🗆 Not Present 1 Custody seals intact on sample bottles? 2. Is Chain of Custody complete? Yes 🔽 No 🗌 Not Present 3. How was the sample delivered? Courier Log In No 🔲 NA 🗌 Yes 🗹 4. Was an attempt made to cool the samples? NA 🗌 No 🗌 5. Were all samples received at a temperature of >0° C to 6.0°C Yes 🗹 No 🗌 Yes 🗸 6. Sample(s) in proper container(s)? No 🗆 7. Sufficient sample volume for indicated test(s)? Yes 🗹 No 🗆 8. Are samples (except VOA and ONG) properly preserved? NA 🗀 No 🗹 Yes 🗌 9. Was preservative added to bottles? Yes No 🗆 No VOA Vials 10.VOA vials have zero headspace? No 🗹 Yes 11. Were any sample containers received broken? # of preserved bottles checked No 🗆 for pH: Yes 🔽 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) No 🗆 Adjusted? ~ 13 Are matrices correctly identified on Chain of Custody? No 🗆 14. Is it clear what analyses were requested? Yes No 🗆 Checked by: 15. Were all holding times able to be met? Yes 🔽 (If no, notify customer for authorization.) Special Handling (if applicable) NA 🗹 Yes 🗌 No 🗆 16. Was client notified of all discrepancies with this order? Person Notified: Date: By Whom: eMail Phone Fax In Person Via: Regarding: **Client Instructions:** 17. Additional remarks: 18. Cooler information Cooler No Temp °C | Condition | Seal Intact | Seal No Seal Date Good Yes

| Chain-of-Custody Record Client: Animas Environmental | | | | Turn₂Around Time: | | | | | 1.85 | = | . A | | - | BIV. | y w ar | | r. e iz | sa ici | N. 7 | A . | |
|--|------------------|-------------|--|---|--|--|----------|------------------------------|--------------------------|--------------------|--------------------|---------------------------|---------------|-------------------------------|------------------------------|-------------|-----------------|----------|-------------|---------|--------------|
| Client: | Anim | as En | vivonmental | Standard | □ Rush | 1 . | | | | | | | | | | | | | NT/ OT/ | | 7 |
| | Sev | res 1 | ic | Project Name | | | | - 00 | € <u>€</u> : | | | | | vironı | | | | | , E 🔾 | 1 1 4 E | ı |
| Mailing | Address | 6216 | 6 Comanche | CP Line | Iroth R# | ·\& | | . 49 | ∩1 ⊢ | lawk | | | | | | | | 109 | | | |
| | 10 A 11 A A | 1024 | M 87401 | Project #: | AV 4.14C D | | 1 | | |)5-34 | | | | гада. Рах | | | | | | | |
| Phone # | # 50 | 5564 | 2281 | | | | | | | | | | | | | | | | | | - 99 |
| email or | | | | Project Mana | ger: | The same of the sa | | - Fay | 5 C 6 C | | सं = = | 2 (4) | 415 | 21. | | | | C disse | P A COL | | |
| QA/QC I | Package: dard | | ☐ Level 4 (Full Validation) | D. Watson | | | | (Gas or | SO) MF | | | IMS) | | PO4,SC | PCB's | | | | | | |
| Accredi | tation | Othe | r | Sampler Watson Onice X Yes No. No. | | | | + TPH | ROW DE | 18.1) | 04.1) | 8270 S | | 3,NO ₂ , | / 8082 | | A) | | | | ĺ Ź |
| □ EDD | (Type) | | | SampleTrem | oerature <i>ede</i> | O ^O lement in the | BE | BE. | (g) | д 4 | Z 2 | o O | tals |), N | ides | (F) | ٩ - | | | | ≥ |
| Date | Time | Matrix | Sample Request ID | | | THEAL NOT | EX + MT | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRØ DRO) MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA & Metals | Anions (F,CI,NO3,NO2,PO4,SO4) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | | | | Air Bubbles |
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| Date: | Time: | Reinquishe | nah Watu | Received by: | Walter | 5/20/14 1645 | Ren | nark | s: B | i il | h) (d | _ 6n | ٥٥ | PV | uly | pS | ļ. <u></u> | | <u>· 1</u> | l | |
| Date: 5/16/14 | Time: | Rélinquishe | ed by: Little Walls nitted to Hall Environmental may be subc | Received by: | Suna | Date Time 05/21/14 10:00 | | | | | | | | | | | <u> </u> | | | | . |