<u>District 1</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 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

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

Form C-141

Revised August 8, 2011

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

| Release Notification and Corrective Action | | | | | | | | | | | | | | | |
|--|---------------|--|-------------|--------------------|------------|---|--|--------------|----------------|----------------------------|---|------------------|--|--|--|
| | | | | | | OPERA | TOR | | ☐ Initia | al Report | \boxtimes | Final Report | | | |
| | | | | il & Gas Compa | | | ystal Tafoya | 27 | | | | . ****** | | | |
| Facility Nar | | th St, Farming I I D 352S | gton, Mivi | <u> </u> | | | No.(505) 326-98 he: Gas Well | 55/ | | | | | | | |
| Surface Ow | | | .,, | Mineral C | ' | BLM (SF-07 | | | API No | .30045319 | 86 | | | | |
| Surrace 3 W | HOL DESIVE | | | • | | N OF REI | | | 111110 | | | ··· | | | |
| Unit Letter | Section 31 | Township 31N | Range 8W | Feet from the 1535 | North/ | South Line South | Feet from the | 1 | West Line East | County San Juan | | | | | |
| 1 | <u> </u> | 3111 | 011 | | | · · · · · · · · · · · · · · · · · · · | le <u>107.71156</u> | 1 | Last | San Juan | | | | | |
| | | | | NAT | URE | OF RELI | EASE | | | | | | | | |
| Type of Rele | | duced Fluids | | | | Volume of | Release Unkr | | Volume F | | Noi | | | | |
| Source of Re | lease Belo | ow Grade Ta | nk | | | Date and H Unknown | Iour of Occurrenc | ce | | Hour of Dis er 12, 2012 | covery | , | | | |
| Was Immedi | ate Notice C | | · | lv Mv.s | | If YES, To | | | • | | ne i | -1. d~5 | | | |
| By Whom? | | Ll | Yes _ | No Not R | equired | Date and H | loue | | | CVD JAN OIL CONS | | | | | |
| Was a Water | course Read | | | | | | olume Impacting t | the Wat | | oil coir. Dist | | ¥ ^r s | | | |
| | | | Yes 🛛 1 | No | | | | | | | | | | | |
| If a Watercou | irse was Im | pacted, Descr | ibe Fully. | * | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Describe Cau | ise of Probl | em and Reme | dial Actio | n Taken.* | | | | | | | | | | | |
| Below Grad | e Tank Clo | sure Activitio | es | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Describe Are | a Affected | and Cleanup A | Action Tal | cen.* | | | | | | | | | | | |
| The regulate | ory standar | rd for closure | at this sit | te was determine | | | A sample was tak | | | | | | | | |
| | | | | | | | ards set forth in t t is attached for | | | lelines for i | Kemea | iation of | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | knowledge and u | | | | | | | | |
| public health | or the envi | ronment. The | acceptano | ce of a C-141 repo | ort by the | e NMOCD m | arked as "Final R ion that pose a thr | Report" | does not rel | ieve the ope | rator o | f liability | | | |
| or the enviro | nment. In a | addition, NMC | OCD accep | | | | e the operator of | | | | | | | | |
| federal, state | or local la | ws and/or regu | ılations. | • | | | OIL CON | CEDI | /ATION | DIVISIO |)NI | | | | |
| | | ld Tay | 1 | | | | OIL CON | <u>SER (</u> | ATION | DIVISIO | <u>) 1 </u> | Λ | | | |
| Signature: | Joan | 201. 19 | Ju - | | | Approved by | Environmental S | Inecialis | st (at | +() | Kol | 1. | | | |
| Printed Name | e Crystal | Tafova | | | | Approved by | Liiviioiiiieittii 5 | рестап | si gonar | v (00 , | 1 GOV | J | | | |
| | | | | | | | 1/05/201 | 7 | - V | D . | | | | | |
| Title: Field | Environme | ental Specialis | st | | | Approval Da | te: 1/25/20 | 711 | Expiration | Date: | | · | | | |
| E-mail Addre | ess: crystal. | tafoya@conoc | cophillips. | com | | Conditions of | f Approval: | 44 (| losuse | Attached | ached | | | | |
| Date: 1/23/2 | | | (505) 326 | -9837 | | Conditions of Approval: C-144 Closuse Attached Dermit needed for BGTClosuse Attached DXX 1302951396 | | | | | | | | | |
| * Attach Addi | tional She | ets If Necess | ary | | | | n. | 2K | 13029 | 51396 | | | | | |



Animas Environmental Services, LLC

www.animasenvironmental.com

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

> Durango, Colorado 970-403-3274

December 19, 2012

Crystal Tafoya ConocoPhillips San Juan Business Unit Office 214-05 5525 Hwy 64 Farmington, New Mexico 87401

RE: Below Grade Tank Closure Report

Howell D #352S

San Juan County, New Mexico

Dear Ms. Tafoya:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Howell D #352S, located in San Juan County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name - Howell D #352S

Legal Description - NE¼ SE¼, Section 31, T31N, R8W, San Juan County, New Mexico Well Latitude/Longitude - N36.85146 and W107.71156, respectively BGT Latitude/Longitude - N36.85155 and W107.71195, respectively Land Jurisdiction - Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, November 2012

1.2 NMOCD Ranking

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a cathodic report dated May 1991 for the Howell D #3A well located approximately 850 feet southwest of the release area reported the depth to groundwater as greater than 100 feet below ground surface (bgs). The New Mexico Office of the State Engineer (NMOSE) database was reviewed for nearby water wells, and no registered water wells were reported to be located within 1,000 feet of the location. Additionally, Google Earth and the New Mexico Tech Petroleum Recovery

Research Center online mapping tool (http://ford.nmt.edu/react/project.html) were accessed to aid in the identification of downgradient surface water.

Once on site, AES personnel further assessed the ranking using topographical interpretation, Global Positioning System (GPS) elevation readings, and visual reconnaissance. AES personnel concluded that depth to groundwater at the site was greater than 100 feet bgs. An unnamed drainage is located approximately 500 feet south of the location. Based on this information, the location was assessed a ranking score of 10.

1.3 BGT Closure Assessment

AES was initially contacted by Jess Henson, CoP representative, on November 12, 2012, and on November 13, 2012, Heather Woods and Zach Truijillo of AES met with a CoP representative at the location. AES personnel collected six soil samples from below the BGT liner. Four samples were collected from the perimeter of the BGT footprint, one sample was collected from the center of the BGT footprint, and one sample was composited from the four perimeter samples and one center sample.

2.0 Soil Sampling

On November 13, 2012, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) and one 5-point composite (SC-1) from below the BGT. Soil samples were collected from approximately 0.5 feet below the former BGT for field screening of volatile organic compounds (VOCs) and total petroleum hydrocarbon (TPH). Soil sample SC-1 was field screened for VOCs and chloride and was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

2.1 Field Screening

2.1.1 Volatile Organic Compounds

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

2.1.2 Total Petroleum Hydrocarbons

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

2.1.3 Chlorides

Soil sample SC-1 was field screened for chlorides using Chloride Drop Count Titration with silver nitrate. Sampling and analysis methods followed procedures provided by Hach Company.

2.2 Laboratory Analyses

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

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B;
- Chloride per USEPA Method 300.0.

2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM ranged from 1.3 ppm in S-1 up to 4.7 ppm in S-3. Field TPH concentrations ranged from less than 20 mg/kg in S-1, S-4, and S-5 up to 29.8 mg/kg in S-2. The field chloride concentration in SC-1 was 40 mg/kg. Field screening results are summarized in Table 1 and presented on Figure 2. The AES Field Screening Report is attached.

Table 1. Soil Field Screening VOCs, TPH, and Chloride Results Howell D #352S BGT Closure, November 2012

| | Date | Depth below | VOCs OVM Reading | Field TPH | Field Chlorides |
|--------------|-----------------|----------------|---------------------|--------------|--------------------|
| Sample ID | Sampled | BGT (ft) | (ppm) | (mg/kg) | (mg/kg) |
| NMOCD Action | Level (NMAC 19. | | 100 | 250 | |
| S-1 | 11/13/12 | 0.5 | 1.3 | <20 | NA |
| S-2 | 11/13/12 | 0.5 | 2.8 | 29.8 | NA |
| S-3 | 11/13/12 | 0.5 | 4.7 | 27.2 | NA |
| S-4 | 11/13/12 | 0.5 | 2.5 | <20 | NA |
| S-5 | 11/13/12 | 0.5 | 3.4 | <20 | NA |
| SC-1 | 11/13/12 | 0.5 | 3.2 | NA | 40 |

NA - not analyzed

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.050 mg/kg and 0.25 mg/kg, respectively. The laboratory chloride concentration was below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results Howell D #352S BGT Closure, November 2012

| Sample ID | Date Sampled | Depth (ft) | TPH- GRO (mg/kg) | TPH- DRO (mg/kg) | Chlorides (mg/kg) | | |
|--------------|-------------------|---------------|------------------------|------------------------|----------------------|----|-----|
| NMOCD Action | Level (NMAC 19.15 | .17.13E) | 0.2 | 50 | 10 | 00 | 250 |
| SC-1 | 11/13/12 | 0.5 | <0.050 | <0.25 | NA | NA | <30 |

NA - not analyzed

3.0 Conclusions and Recommendations

NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action levels of 0.2 mg/kg and 50 mg/kg, respectively. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-2 with 29.8 mg/kg. Chloride concentrations in SC-1 were also below the NMOCD action level of 250 mg/kg. Based on field screening and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended.

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

Sincerely,

Kelsey Christiansen Environmental Scientist

Lelay Chrodium

Crystal Tafoya Howell D #352S BGT Closure Report December 19, 2012 Page 5 of 5

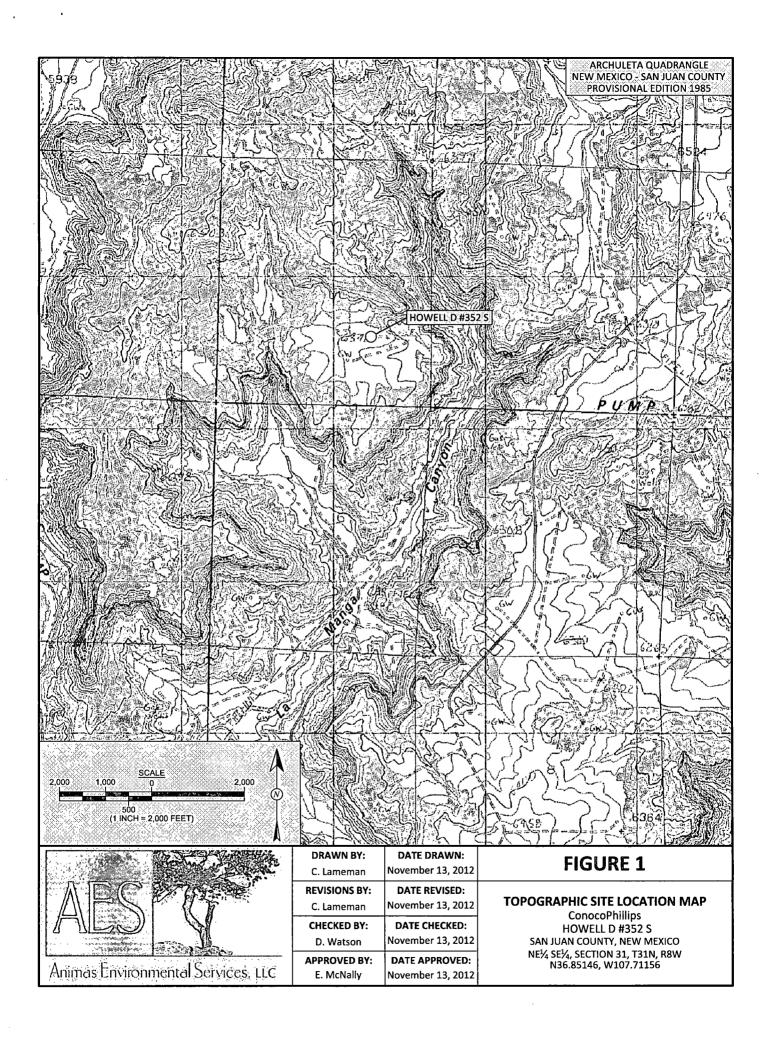
Elizabeth McNally, P.E.

Elyshith V Mindly

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, November 2012 AES Field Screening Report 111312 Hall Analytical Report 1211558

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<u>LEGEND</u>

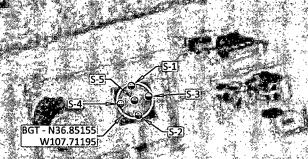
SAMPLE LOCATIONS

| SHAPE THE TO SEE | , | The second second | | |
|---|-------------|-------------------|-------------------------|------------------|
| 300000000000000000000000000000000000000 | Field Scr | eening Re | esults | |
| \$\$\$\$\$\$\$\$\$\$\$ | | OVM- | ТРН | Chlorides |
| Sample ID | Date | PID | (mg/kg) | (mg/kg) |
| 23322 | | (ppm) | × 50000000 | (9/.9/ |
| NMOCD A | CTION LEVEL | | 100 | 250 |
| % S-1 | 11/13/12 | 1.3 | <20 | NA |
| S-2 | 11/13/12 | 2.8 | 29.8 | NA |
| S-3 | 11/13/12 | 4.7 | ≥27.2⊗ | NA |
| S-4 | 11/13/12 | 2.5 | ~<20 <i>×</i> | NA |
| ∞ S-5 ≪ | 11/13/12 | 3.4 | ∜<20 % | |
| SC-1 | 11/13/12 | 3.2 | NA 💸 | 40 |
| 5 6 4 15 A F 1 | | OCITE CAN | ADLEGE | A DESCRIPTION OF |

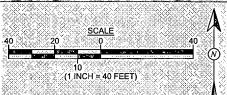
| (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) | NMOCD ACT | ION LEVEL | %0.2 🐃 | >>> 50 >>> | *********1(| 00 | 250 |
|---|-----------|-----------|---------------|-------------------|-------------|----|---|
| | | | 3848883020768 | | | | 100000000000000000000000000000000000000 |

Laboratory Analytical Results

SC-1.IS A 5-POINT COMPOSITE SAMPLE OF S-1 THROUGH S-5: NA -: NOT ANALYZED



HOWELL D #352 S WELLHEAD



AERIAL SOURCE: © 2012 PICTOMETRY INTERNATIONAL CORP. ONLINE, AERIAL TAKEN: APRIL 22, 2011



| DRAWN BY: | DATE DRAWN: |
|--------------------------|------------------------------------|
| C. Lameman | November 13, 2012 |
| REVISIONS BY: | DATE REVISED: |
| C. Lameman | November 13, 2012 |
| | |
| CHECKED BY: | DATE CHECKED: |
| CHECKED BY: D. Watson | DATE CHECKED: November 13, 2012 |
| | |

AERIAL SITE MAP BELOW GRADE TANK CLOSURE NOVEMBER 2012 ConocoPhillips HOWELL D #352 S

HOWELL D #352 S
SAN JUAN COUNTY, NEW MEXICO
NE¼ SE¼, SECTION 31, T31N, R8W
N36.85146, W107.71156

AES Field Screening Report

Client: ConocoPhillips

Project Location: Howell D #352S

Date: 11/13/2012

Matrix: Soil



Animas Environmental Services, etc.

www.animasenvironmental.com

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

> Durango, Colorado 970-403-3274

| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | Field Chloride (mg/kg) | Field TPH Analysis Time | Field TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|--------------------|---------------------------------|--------------------|--------------|------------------------------|-------------------------------|-----------------------|--------------------|-----|-----------------------------|
| S-1 | 11/13/2012 | 9:20 | North | 1.3 | NA | 10:17 | <20.0 | 20.0 | 1 | HMW |
| S-2 | 11/13/2012 | 9:25 | South | 2.8 | NA | 10:20 | 29.8 | 20.0 | 1 | HMW |
| S-3 | 11/13/2012 | 9:30 | East | 4.7 | NA | 10:22 | 27.2 | 20.0 | 1 | HMW |
| S-4 | 11/13/2012 | 9:35 | West | 2.5 | NA | 10:25 | <20.0 | 20.0 | 1 | HMW |
| S-5 | 11/13/2012 | 9:40 | Center | 3.4 | NA | 10:27 | <20.0 | 20.0 | 1 | HMW |
| SC-1 | 11/13/2012 | 9:45 | Composite | 3.2 | 40 | | Not . | Analyzed for Ti | PH. | |

PQL

Practical Quantitation Limit

ND

Not Detected at the Reporting Limit

NA

Not Analyzed

DF

Dilution Factor

*Field TPH concentrations recorded may be below PQL.

Field Chloride - Quantab Chloride Titrators or Drop Count Titration with

Heather M Woods

Silver Nitrate

Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:

Page 1

Report Finalized: 11/13/12



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

OrderNo.: 1211558

November 19, 2012

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

FAX

RE: COP Howell D #352S

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 11/14/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

Sincerely,

Andy Freeman

Laboratory Manager

Only

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1211558

Date Reported: 11/19/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

COP Howell D #352S Project:

1211558-001 Lab ID:

Client Sample ID: SC-1

Collection Date: 11/13/2012 9:45:00 AM

Matrix: MEOH (SOIL) Received Date: 11/14/2012 9:40:00 AM

| Analyses | Result | Result RL Qual Uni | | DF | Date Analyzed | | | | | |
|-----------------------------|--------|--------------------|-------|------|------------------------|--|--|--|--|--|
| EPA METHOD 8021B: VOLATILES | | | *** | **** | Analyst: NSB | | | | | |
| Benzene | ND | 0.050 | mg/Kg | 1 | 11/14/2012 12:03:14 PM | | | | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 11/14/2012 12:03:14 PM | | | | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 11/14/2012 12:03:14 PM | | | | | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 11/14/2012 12:03:14 PM | | | | | |
| Surr: 4-Bromofluorobenzene | 105 | 80-120 | %REC | 1 | 11/14/2012 12:03:14 PM | | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SRM | | | | | |
| Chloride | ND | 30 | mg/Kg | 20 | 11/14/2012 10:53:07 AM | | | | | |

Qualifiers:

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

- Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
 - RPD outside accepted recovery limits
 - Spike Recovery outside accepted recovery limits 1 of 2

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1211558 19-Nov-12

Client:

Animas Environmental Services

Project:

COP Howell D #352S

Sample ID MB-4817

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID: PBS

Batch ID: 4817

PQL

RunNo: 6905

Prep Date: 11/14/2012 Analysis Date: 11/14/2012

SegNo: 199846

Units: mg/Kg

%RPD

HighLimit

RPDLimit Qual

Analyte Chloride

ND 1.5

Sample ID LCS-4817

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 4817

Result

RunNo: 6905

Units: mg/Kg

Prep Date: 11/14/2012

Analysis Date: 11/14/2012

SeqNo: 199847

HighLimit

Analyte

Result **PQL**

SPK value SPK Ref Val %REC

SPK value SPK Ref Val %REC LowLimit

LowLimit

%RPD **RPDLimit**

Qual

Chloride

15 1.5

15.00

97.2

Qual

Sample ID 1211430-001AMS

SampType: MS

TestCode: EPA Method 300.0: Anions

110

Client ID: Prep Date:

BatchQC

Batch ID: 4817

RunNo: 6905 SeqNo: 199849

Units: mg/Kg

Analyte

11/14/2012 Result

Analysis Date: 11/14/2012 PQL

7.5

SPK value SPK Ref Val

%REC LowLimit HighLimit 117

RPDLimit Qual

Chloride

SampType: MSD

18

4.533

TestCode: EPA Method 300.0: Anions

Client ID:

Sample ID 1211430-001AMSD **BatchQC**

Batch ID: 4817

RunNo: 6905

91.2

Prep Date: 11/14/2012

SeqNo: 199850

Units: mg/Kg

Analyte

Analysis Date: 11/14/2012

SPK value SPK Ref Val

%REC LowLimit 85.5

64.4

64.4

HighLimit

%RPD

RPDLimit

Chloride

Result **PQL** 17 7.5

15.00

15.00

4.533

ND

117

4.75

%RPD

Qualifiers:

Value exceeds Maximum Contaminant Level.

Analyte detected below quantitation limits

Е Value above quantitation range В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit RPD outside accepted recovery limits Page 2 of 2

Sample pH greater than 2



Hall Environmental Analysis Laboratory 4901 Hawkins NI: Albuquerque, NM 87105

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

Sample Log-In Check List

| Client Name: | | Animas Envi | ronmental | 1 1 | Work On | der N | umb | er: 1 | 211558 |
|----------------|--------------|------------------------------|--|-----------------------|---------|------------|-------|-------------|--|
| Received by/ | date: | AC | | 11/14/12_ | | | | | |
| Logged By: | | A Clindsay Mai | ngin | 11/14/2012 9:40:00 | AM | | ٠. | July | Allego |
| Completed B | Ву: | Lindsay Mar | ngin | 11/14/2012 9:50:24 | AM | | | July | Mego |
| Reviewed By | /: <u>I</u> | 0 | | ulidzorz | | | , | | |
| Chain of C | usto | ody . | | | | | | | • |
| 1. Were se | eals in | tact? | | | Yes | 1-1 | No | 1 } | Not Present ❖ |
| 2. Is Chain | of C | ustody compi | ete? | | Yes | | No | · : | Not Present !! |
| 3. How was | s the | sample delive | ered? | | Cour | <u>ier</u> | | | |
| Log In | | | | | | | | | |
| | are p | resent? (see | 19. for cooler sp | ecific information) | Yes | V | No | | NA ! ! |
| 5. Was an | atten | npt made to c | cool the samples | ? | Yes | √ ; | No | :: | NA : |
| 6. Were al | l sam | ples received | at a temperatur | e of >0° C to 6.0°C | Yes | <. | No | <u>:</u> 1 | NA: |
| 7. Sample | (s) in | proper conta | iner(s)? | | Yes | • | No | | |
| 8. Sufficier | nt san | nple volume i | for indicated test | (s)? | Yes | √ i | No | : · | |
| 9. Are sam | nples | (except VOA | and ONG) prope | erly preserved? | Yes | • | No | | |
| 10. Was pre | eserva | ative added to | bottles? | | Yes | : 1 | No | ✓ | NA · I |
| 11. VOA via | als ha | ve zero head | space? | | Yes | į : | No | : | No VOA Vials 🗸 |
| 12. Were ar | ny sar | nple containe | ers received brok | en? | Yes | . | No | V | |
| | | ork match bo ancies on ch | ttle labels? ain of custody) | | Yes | ✓. | No | : | # of preserved bottles checked for pH: |
| 14. Are mat | trices | correctly ider | ntified on Chain o | of Custody? | Yes | V | No | ; ; | (<2 or >12 unless noted) |
| 15. Is it clea | ar wha | nt analyses w | ere requested? | | Yes | ✓ | No | : : | Adjusted? |
| 16. Were al | li hold | ing times abl | e to be met? | | Yes | ✓. | No | | |
| (If no, n | otify c | ustomer for a | authorization.) | | | | | | Checked by: |
| Special Ha | <u>andli</u> | ng (if app | <u>licable)</u> | | | | | | ' |
| 17. Was clie | ent no | tified of all di | screpancies with | n this order? | Yes | ! ; | No | · ; | NA :✔ |
| Pe | rson | Notified: | and the second s | Date | : | | | 451.444.444 | the data to the back defining of |
| Ву | Who | m: [| | Via: | : eMa | ail i | : PI | none | Fax In Person |
| : | egardi | Č. | | | | | ***** | | |
| : Cli | ient In | structions: | | | | | | | |
| 18. Addition | nal rer | narks: | | | | | | | • |
| | | | | | | | | | |
| 19 Cooler | Infor | mation | | | | | | | |
| | er No | Temp ºC | | Seal Intact Seal No | Seal Da | ate | | Signe | ed By |
| 11 | | 1.0 | Good Ye | es | | | : | | , |

| | nain. | -0T-UL | stody Record | Turn-Around | | | | HALL ENVIRONMENTAL | | | | | | | | | | | | | |
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| QA/QC i | Package: dard | | ☐ Level 4 (Full Validation) | D. Watson | | | (8021) | (Gas o | as/Die | | | | PO4,S | PCB's | | | | | | | |
| | Accreditation NELAP Other | | | Sampler: H | Woods | | | | + TPH (Gas | 15B (G | 5 3 | ¥) | | 3,NO ₂ , | / 8082 | | A | | | | |
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| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | S SPEAL | | BTEX + ICT | BTEX + MTBE | TPH Method 8015B (Gas/Diesel) | TPH (Method 418.1) | 8310 (PNA or PAH) | RCRA 8 Me | Anions (FC)NO3,NO2,PO4,SO4) | 8081 Pesticides | 8260B (VOA) | 8270 (Semi-VOA) | | | | |
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| Date: 3 2 Date: | Time: Relinquished by: Time: Relinquished by: | | | Rebeived by: Pate Time | | | Remarks: Bill to Conoco Phillips wo: 10341306 Actualty: C200 Supervisor: Harry Dee Area: 5 | | | | | | | | | | | | | | |
| 113/12 | 13/12/1346 Chatte Walle The Subcontracted to other accredited laboratories. This serves as notice of this | | | | | <u>Usur</u> | 10: | MG | ARCI | A | | clear | v notei | ted on | the an | ahsisal a | | | | | |