

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

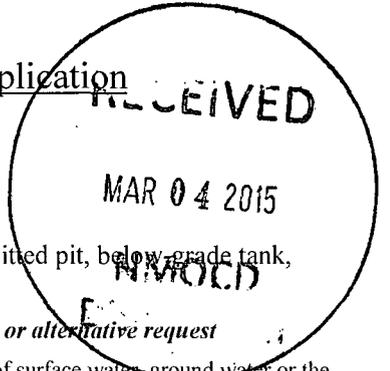
State of New Mexico
Energy Minerals and Natural Resources
Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.
For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

12719 Pit, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application

Type of action: Below grade tank registration
 Permit of a pit or proposed alternative method
45-07723 Closure of a pit, below-grade tank, or proposed alternative method
 Modification to an existing permit/or registration
 Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method



Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.
Operator: ConocoPhillips Company OGRID #: 217817
Address: PO BOX 4289, Farmington, NM 87499
Facility or well name: Helen Jackson 2
API Number: 30-045-07723 OCD Permit Number: _____
U/L or Qtr/Qtr A (NENE) Section 33 Township 29N Range 9W County: San Juan
Center of Proposed Design: Latitude 36.687301°N Longitude 107.78157°W NAD: 1927 1983
Surface Owner: Federal State Private Tribal Trust or Indian Allotment *NMOCD Determined coordinates to

2.
 Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: Drilling Workover
 Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no
 Lined Unlined Liner type: Thickness _____ mil LLDPE HDPE PVC Other _____
 String-Reinforced
Liner Seams: Welded Factory Other _____ Volume: _____ bbl Dimensions: L _____ x W _____ x D _____
be 36.68737N 107.78256W NAD 83

3.
 Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 120 bbl Type of fluid: Produced Water
Tank Construction material: Metal
 Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
 Visible sidewalls and liner Visible sidewalls only Other _____
Liner type: Thickness 45 mil HDPE PVC Other LLDPE

4.
 Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5.
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)
 Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)
 Four foot height, four strands of barbed wire evenly spaced between one and four feet
 Alternate. Please specify _____

6.

Netting: Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

- Screen Netting Other _____
- Monthly inspections (If netting or screening is not physically feasible)

7.

Signs: Subsection C of 19.15.17.11 NMAC

- 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers
- Signed in compliance with 19.15.16.8 NMAC

8.

Variances and Exceptions:

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

Please check a box if one or more of the following is requested, if not leave blank:

- Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.
- Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.

Siting Criteria (regarding permitting): 19.15.17.10 NMAC

Instructions: *The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.*

General siting

Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.

- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

- Yes No
- NA

Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.

NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells

- Yes No
- NA

Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. **(Does not apply to below grade tanks)**

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

- Yes No

Within the area overlying a subsurface mine. **(Does not apply to below grade tanks)**

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

- Yes No

Within an unstable area. **(Does not apply to below grade tanks)**

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

- Yes No

Within a 100-year floodplain. **(Does not apply to below grade tanks)**

- FEMA map

- Yes No

Below Grade Tanks

Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

- Yes No

Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

- Yes No

Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)

Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)

- Topographic map; Visual inspection (certification) of the proposed site

- Yes No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

- Yes No

Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application.

NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

- Yes No

Within 100 feet of a wetland.

- ♦ - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

Temporary Pit Non-low chloride drilling fluid

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Within 300 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

Permanent Pit or Multi-Well Fluid Management Pit

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).

- Topographic map; Visual inspection (certification) of the proposed site

Yes No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.

- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image

Yes No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.

- NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site

Yes No

Within 500 feet of a wetland.

- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site

Yes No

10.

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

11.

Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- A List of wells with approved application for permit to drill associated with the pit.
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
- Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC

Previously Approved Design (attach copy of design) API Number: _____ or Permit Number: _____

12.

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H₂S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.

Proposed Closure: 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well Fluid Management Pit
 Alternative
- Proposed Closure Method: Waste Excavation and Removal
 Waste Removal (Closed-loop systems only)
 On-site Closure Method (Only for temporary pits and closed-loop systems)
 In-place Burial On-site Trench Burial
 Alternative Closure Method

14.

Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC

Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

- | | |
|---|---|
| Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA |
| Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance | |

adopted pursuant to NMSA 1978, Section 3-27-3, as amended.

- Written confirmation or verification from the municipality; Written approval obtained from the municipality

Yes No

Within the area overlying a subsurface mine.

- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division

Yes No

Within an unstable area.

- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map

Yes No

Within a 100-year floodplain.

- FEMA map

Yes No

16.

On-Site Closure Plan Checklist: (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17.

Operator Application Certification:

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): _____ Title: _____

Signature: _____ Date: _____

e-mail address: _____ Telephone: _____

18.

OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly Approval Date: 3/24/2015

Title: Compliance Officer OCD Permit Number: _____

19.

Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

Closure Completion Date: 11/24/14

20.

Closure Method:

- Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only)
- If different from approved plan, please explain.

21.

Closure Report Attachment Checklist: *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure for private land only)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for on-site closure)
- Disposal Facility Name and Permit Number
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude °N _____ Longitude °W _____ NAD: 1927 1983

Operator Closure Certification:

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Patsy Clugston Title: Staff Regulatory Technician

Signature: *Patsy Clugston* Date: 3-3-15

e-mail address: Patsy.L.Clugston@conocophillips.com Telephone: 505-326-9518

ConocoPhillips Company
San Juan Basin
Below Grade Tank Closure Report

Lease Name: Helen Jackson #2

API No.: 30-045-07723

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the below-grade tank referenced above. All proper documentation regarding closure activities is being included with the C-144.

General Plan:

1. COPC shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.
2. **The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.**
3. COPC shall remove liquids and sludge from a below-grade tank prior to implementing a closure method and shall dispose of the liquids and sludge in a division-approved facility. The facilities to be used will be Basin Disposal (Permit #NM-01-005), JFJ Landfarm % Industrial Ecosystem Inc. (Permit # NM-01-0010B) and Envirotech Land Farm (Permit #NM-01-011). The liner after being cleaned well (Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC) will be disposed of at the San Juan County Regional Landfill located on CR 3100.

All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B). The liner was cleaned per Subsection D, Paragraph 1, Subparagraph (m) of 19.15.9.712 NMAC was disposed of at the San Juan County Regional Landfill located on CR 3100.

4. COPC Will receive prior approval to remove the below-grade tank and dispose of it in a division-approved facility or recycle, reuse, or reclaim it in a manner that the appropriate division district office approves.

The below-grade tank was disposed of in a division-approved manner.

5. If there is any on-site equipment associated with a below-grade tank, then COPC shall remove the equipment, unless the equipment is required for some other purpose.

All on-site equipment associated with the below-grade tank was removed.

6. COPC will test the soils beneath the below-grade tank to determine whether a release has occurred. COPC shall collect, at a minimum, a five point, composite sample; collect individual grab samples from any area that is wet, discolored or showing other evidence of a release; and analyzed for the constituents listed in Table I of 19.15.17.13 NMAC. COPC shall notify the division of its results on form C-141.

7. A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.1 3(B)(1)(b). (Sample results attached). Form C-141 is attached.

| Components | Tests Method | Limit (mg/kg) |
|------------|---------------------------|---------------|
| Benzene | EPA SW-846 8021B or 8260B | 0.2 |
| BTEX | EPA SW-846 8021B or 8260B | 50 |
| TPH | EPA SW-846 418.1 | 100 |
| Chlorides | EPA 300.1 | 250 |

8. If COPC or the division determines that a release has occurred, then COPC shall comply with 19.15.3.116 NMAC and 19.15.1.19 NMAC, as appropriate.

A release was not determined for the above referenced well.

9. If the sampling program demonstrates that a release has not occurred or that any release does not exceed the concentrations specified in Table I of 19.15.17.13 NMAC, then COPC shall backfill the excavation with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover; recontour and re-vegetate the site.

The below-grade tank area passed all requirements of Paragraph (4) of Subsection E of 19.15.17.13 NMAC and was backfilled with compacted, non-waste containing, earthen material.

10. Notice of Closure will be given prior to closure to the Aztec Division office between 72 hours and one week via email or verbally. The notification of closure will include the following:
- i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is attached.

11. The surface owner shall be notified of COPC's closing of the below-grade tank 72 hours, but not more than one week, prior to closure as per the approved closure plan via certified mail, return receipt requested.

The closure process notification to the landowner was sent via email. (See Attached) (Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

The below-grade tank area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping including drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final recontour has a uniform appearance with smooth surface, fitting the natural landscape.

13. COPC Shall seed the disturbed areas the first favorable growing season following closure of a below-grade tank. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM stipulated seed mixes will be used on federally regulated lands and division-approved seed mixtures (administratively approved if required) will be utilized on all State or private lands. A uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbance levels, excluding noxious weeds. If alternate seed mix is required by the state, private owner or tribe, it will be implemented with administrative

approval if needed. COPC will repeat seeding or planting will be continued until successful vegetative growth occurs.

Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.

14. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material; with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, to establish vegetation at the site, or the background thickness of topsoil, whichever is greater.

The below-grade tank area was backfilled and more than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.

15. All closure activities will include proper documentation and be available for review upon request and will be submitted to OCD within 60 days of closure of the below-grade tank. Closure report will be filed on C-144 and incorporate the following:
 - Soil Backfilling and Cover Installation **(See Report)**
 - Re-vegetation application rates and seeding techniques **(See Report)**
 - Photo documentation of the site reclamation **(Included as an attachment)**
 - Confirmation Sampling Results **(Included as an attachment)**
 - Proof of closure notice **(Included as an attachment)**

Clugston, Patricia L

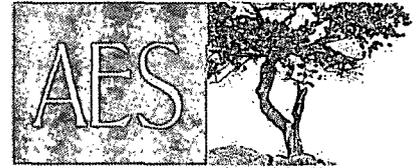
From: Journey, Denise D
Sent: Wednesday, May 07, 2014 1:46 PM
To: 'Kelly, Mark'
Cc: Powell, Brandon, EMNRD; Kelly, Jonathan, EMNRD
Subject: Helen Jackson #2. BGT Closure 72 hour notification

Subject: HELEN JACKSON #2

The subject well has a below-grade tank that will begin the closure process between 72 hours and one week from this notification. Please contact me at any time if you have any questions or concerns.

Well Name: Helen Jackson #2
API#: 30-045-07723
Location: UL "A", Sec. 33, T29N, R9W
Footages: 1190' FNL & 1265' FEL
Operator: COP **Surface Owner:** BLM

Denise Journey
Regulatory Technician
ConocoPhillips Company
505-326-9556
505-215-1750
Denise.Journey@conocophillips.com



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado
970-403-3084

June 24, 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: Below Grade Tank Closure Report
Helen Jackson #2
San Juan County, New Mexico**

Dear Ms. Dumas:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Helen Jackson #2, 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 – Helen Jackson #2

Legal Description – NW¼ NE¼, Section 33, T29N, R9W, San Juan County, New Mexico

Well Latitude/Longitude – N36.68733 and W107.78242, respectively

BGT Latitude/Longitude – N36.68737 and W107.78256, respectively

Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, May 2014

1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the location was given a ranking score of 20 based on the following factors:

- **Depth to Groundwater:** Based on elevation, topographic interpretation and visual reconnaissance, depth to groundwater is interpreted to be greater than 100 feet below ground surface (bgs). (0 points)
- **Wellhead Protection Area:** The tank location is not within a wellhead protection area. (0 points)
- **Distance to Surface Water Body:** Unnamed washes which ultimately discharge to Canyon Largo are located approximately 136 feet northeast and 183 feet southeast of the location. (20 points)

1.3 BGT Closure Assessment

AES was initially contacted by Doyle Clark, CoP representative, on May 12, 2014, and on the same day, Deborah Watson of AES mobilized to 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 May 12, 2014, AES personnel 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 analysis of total petroleum hydrocarbons (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 Sampling

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 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*.

2.1.3 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 USEPA Method 8021B;
- TPH for gasoline range organics (GRO) and diesel range organics (DRO) per USEPA Method 8015D; and
- Chloride per USEPA Method 300.0.

2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM ranged from 0.1 ppm in S-3 and SC-1 up to 1.0 ppm in S-5. Field TPH concentrations ranged from less than 20.0 mg/kg in S-4 and S-5 up to 32.9 mg/kg in S-3. The field chloride concentration in SC-1 was 60 mg/kg. Field sampling results are summarized in Table 1 and presented on Figure 2. The AES Field Sampling Report is attached.

Table 1. Soil Field Sampling VOCs, TPH, and Chloride Results
Helen Jackson #2 BGT Closure, May 2014

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Depth below BGT (ft)</i> | <i>VOCs OVM Reading (ppm)</i> | <i>TPH 418.1 (mg/kg)</i> | <i>Field Chlorides (mg/kg)</i> |
|--|---------------------|-----------------------------|-------------------------------|--------------------------|--------------------------------|
| NMOCDC Action Level (NMAC 19.15.17.13E) | | | -- | 100 | 250 |
| S-1 | 5/12/14 | 0.5 | 0.5 | 23.9 | NA |
| S-2 | 5/12/14 | 0.5 | 0.3 | 20.1 | NA |
| S-3 | 5/12/14 | 0.5 | 0.1 | 32.9 | NA |
| S-4 | 5/12/14 | 0.5 | 0.2 | <20.0 | NA |
| S-5 | 5/12/14 | 0.5 | 1.0 | <20.0 | NA |
| SC-1 | 5/12/14 | 0.5 | 0.1 | NA | 60 |

NA - not analyzed

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.030 mg/kg and 0.149 mg/kg, respectively. TPH concentrations as GRO and DRO were reported at less than 3.0 mg/kg and 9.9 mg/kg, respectively. The laboratory chloride concentration was reported below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. The laboratory analytical report is attached.

Table 2. Soil Laboratory Analytical Results
Helen Jackson #2 BGT Closure, May 2014

| <i>Sample ID</i> | <i>Date Sampled</i> | <i>Depth (ft)</i> | <i>Benzene (mg/kg)</i> | <i>Total BTEX (mg/kg)</i> | <i>TPH-GRO (mg/kg)</i> | <i>TPH-DRO (mg/kg)</i> | <i>Chlorides (mg/kg)</i> |
|---|---------------------|-------------------|------------------------|---------------------------|------------------------|------------------------|--------------------------|
| NMOCD Action Level (NMAC 19.15.17.13E) | | | 0.2 | 50 | 100 | | 250 |
| SC-1 | 5/12/14 | 0.5 | <0.030 | <0.149 | <3.0 | <9.9 | <30 |

NA - not analyzed

3.0 Conclusions and Recommendations

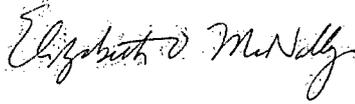
NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-3 with 32.9 mg/kg. Benzene and total BTEX concentrations in SC-1 were below the NMOCD action levels of 0.2 mg/kg and 50 mg/kg, respectively. Chloride concentrations in SC-1 were below the NMOCD action level of 250 mg/kg. Based on field and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended at the Helen Jackson #2.

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

Sincerely,



Emilee Skyles
Staff Geologist



Elizabeth McNally, P.E.

Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, May 2014
- AES Field Sampling Report 051214
- Hall Analytical Report 1405485

C:\Users\emcnally.AES\Dropbox (Animas Environmental)\0000 Animas Server Dropbox EM\2014
Projects\ConocoPhillips\Helen Jackson #2\Helen Jackson #2 BGT Closure Report 062414.docx

BLANCO QUADRANGLE
 NEW MEXICO - SAN JUAN COUNTY
 PROVISIONAL EDITION 1985

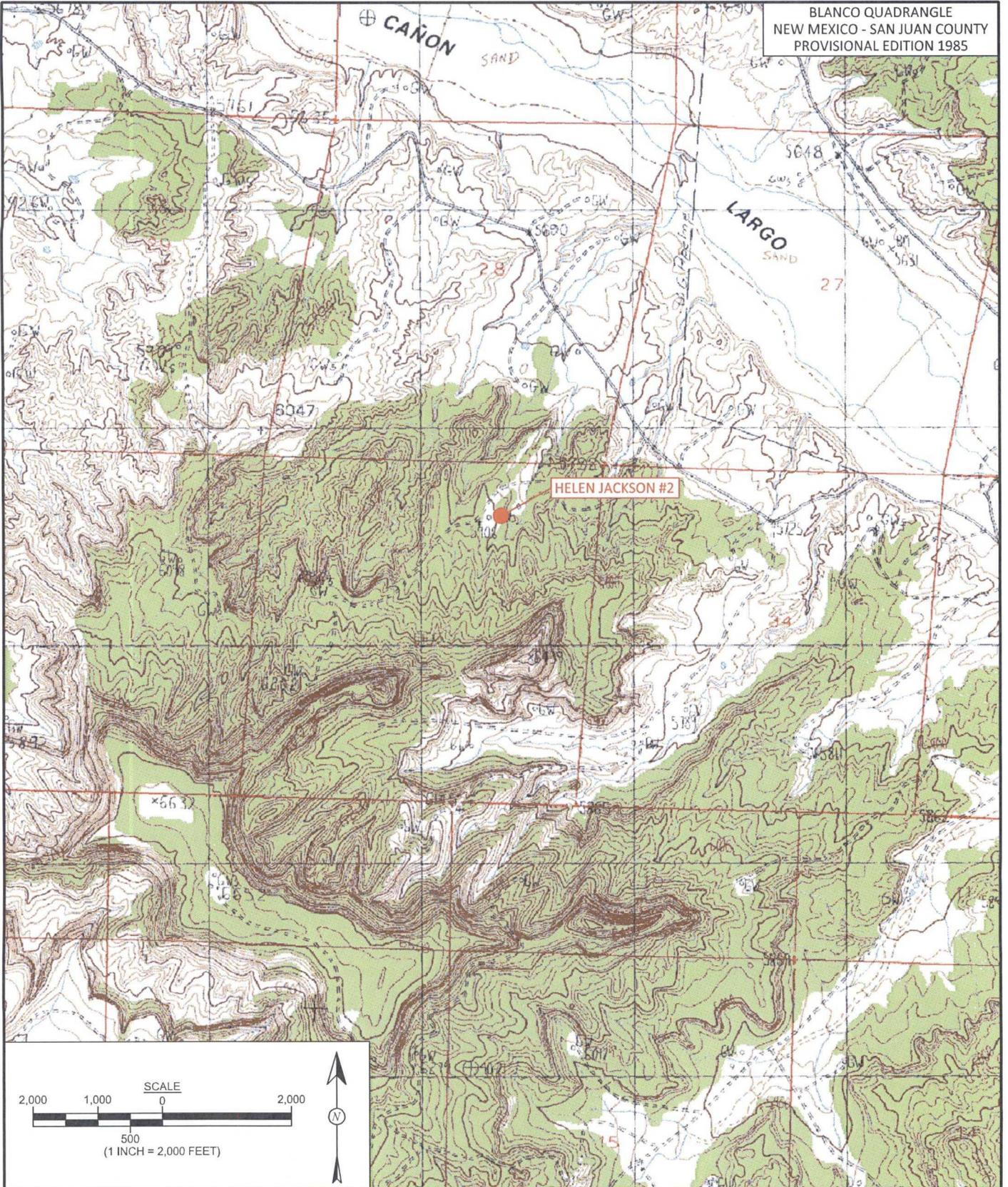
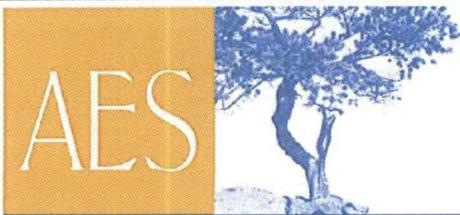


FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

ConocoPhillips
 HELEN JACKSON #2
 NW¼ NE¼, SECTION 33, T29N, R9W
 SAN JUAN COUNTY, NEW MEXICO
 N36.68733, W107.78242



Animas Environmental Services, LLC

| | |
|------------------------------------|---------------------------------------|
| DRAWN BY: S. Glasses | DATE DRAWN: May 12, 2014 |
| REVISIONS BY: C. Lameman | DATE REVISED: May 12, 2014 |
| CHECKED BY: D. Watson | DATE CHECKED: May 12, 2014 |
| APPROVED BY: E. McNally | DATE APPROVED: May 12, 2014 |

LEGEND

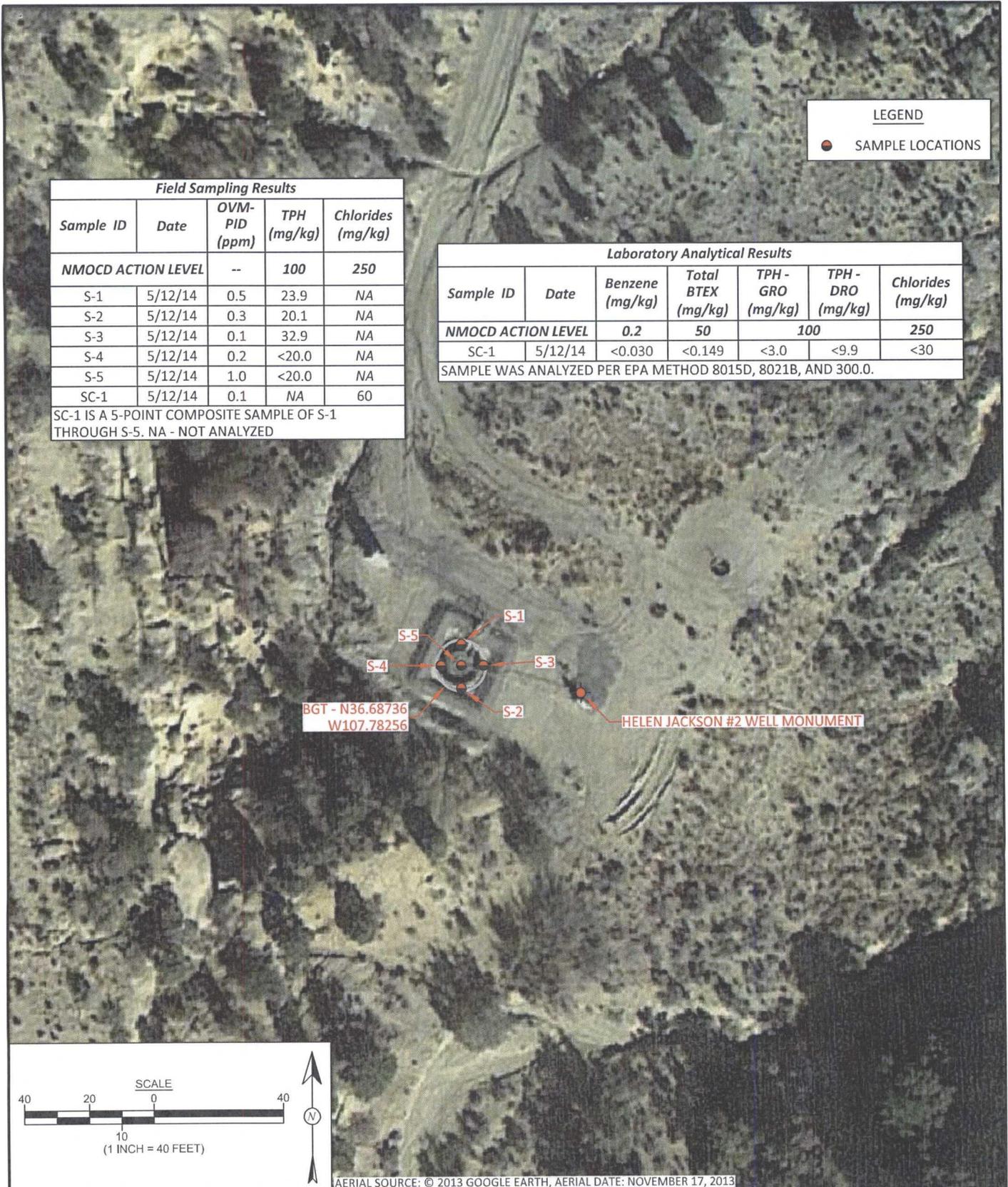
● SAMPLE LOCATIONS

| Field Sampling Results | | | | |
|--------------------------|---------|---------------|-------------|-------------------|
| Sample ID | Date | OVM-PID (ppm) | TPH (mg/kg) | Chlorides (mg/kg) |
| NMOC ACTION LEVEL | | -- | 100 | 250 |
| S-1 | 5/12/14 | 0.5 | 23.9 | NA |
| S-2 | 5/12/14 | 0.3 | 20.1 | NA |
| S-3 | 5/12/14 | 0.1 | 32.9 | NA |
| S-4 | 5/12/14 | 0.2 | <20.0 | NA |
| S-5 | 5/12/14 | 1.0 | <20.0 | NA |
| SC-1 | 5/12/14 | 0.1 | NA | 60 |

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

| Laboratory Analytical Results | | | | | | |
|-------------------------------|---------|-----------------|--------------------|-------------------|-------------------|-------------------|
| Sample ID | Date | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH - GRO (mg/kg) | TPH - DRO (mg/kg) | Chlorides (mg/kg) |
| NMOC ACTION LEVEL | | 0.2 | 50 | 100 | 250 | |
| SC-1 | 5/12/14 | <0.030 | <0.149 | <3.0 | <9.9 | <30 |

SAMPLE WAS ANALYZED PER EPA METHOD 8015D, 8021B, AND 300.0.



AERIAL SOURCE: © 2013 GOOGLE EARTH, AERIAL DATE: NOVEMBER 17, 2013

| | |
|------------------------------------|---------------------------------------|
| DRAWN BY: S. Glasses | DATE DRAWN: May 13, 2014 |
| REVISIONS BY: S. Glasses | DATE REVISED: May 16, 2014 |
| CHECKED BY: D. Watson | DATE CHECKED: May 13, 2014 |
| APPROVED BY: E. McNally | DATE APPROVED: May 13, 2014 |

FIGURE 2

**AERIAL SITE MAP
BELOW GRADE TANK CLOSURE
MAY 2014**

ConocoPhillips
HELEN JACKSON #2
NW¼ NE¼, SECTION 33, T29N, R9W
SAN JUAN COUNTY, NEW MEXICO
N36.68733, W107.78242

AES Field Sampling Report



Animas Environmental Services, LLC

www.animasenvironmental.com

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

Durango, Colorado
970-403-3084

Client: ConocoPhillips

Project Location: Helen Jackson #2

Date: 5/12/2014

Matrix: Soil

| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OVM (ppm) | Field Chloride (mg/kg) | TPH Analysis Time | TPH* (mg/kg) | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|---------------------------|-----------------|-----------|------------------------|-----------------------------|--------------|-----------------|----|-----------------------|
| S-1 | 5/12/2014 | 14:33 | North | 0.5 | NA | 15:10 | 23.9 | 20.0 | 1 | DAW |
| S-2 | 5/12/2014 | 14:34 | South | 0.3 | NA | 15:15 | 20.1 | 20.0 | 1 | DAW |
| S-3 | 5/12/2014 | 14:35 | East | 0.1 | NA | 15:18 | 32.9 | 20.0 | 1 | DAW |
| S-4 | 5/12/2014 | 14:37 | West | 0.2 | NA | 15:21 | 14.9 | 20.0 | 1 | DAW |
| S-5 | 5/12/2014 | 14:38 | Center | 1.0 | NA | 15:25 | 12.4 | 20.0 | 1 | DAW |
| SC-1 | 5/12/2014 | 14:42 | Composite | 0.1 | 60 | <i>Not Analyzed for TPH</i> | | | | |

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

Total Petroleum Hydrocarbons - USEPA 418.1

*TPH concentrations recorded may be below PQL.

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

Analyst:



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

May 15, 2014

Debbie Watson

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

RE: CoP Helen Jackson #2

OrderNo.: 1405485

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 5/13/2014 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: CoP Helen Jackson #2

Collection Date: 5/12/2014 2:42:00 PM

Lab ID: 1405485-001

Matrix: MEOH (SOIL)

Received Date: 5/13/2014 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg | 1 | 5/13/2014 2:00:21 PM | 13132 |
| Surr: DNOP | 90.7 | 57.9-140 | | %REC | 1 | 5/13/2014 2:00:21 PM | 13132 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.0 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM | R18567 |
| Surr: BFB | 81.7 | 74.5-129 | | %REC | 1 | 5/13/2014 11:40:16 AM | R18567 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM | R18567 |
| Toluene | ND | 0.030 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM | R18567 |
| Ethylbenzene | ND | 0.030 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM | R18567 |
| Xylenes, Total | ND | 0.059 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM | R18567 |
| Surr: 4-Bromofluorobenzene | 86.5 | 80-120 | | %REC | 1 | 5/13/2014 11:40:16 AM | R18567 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: JRR |
| Chloride | ND | 30 | | mg/Kg | 20 | 5/13/2014 1:12:48 PM | 13142 |

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405485

15-May-14

Client: Animas Environmental

Project: CoP Helen Jackson #2

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-13142 | SampType: | MBLK | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: | 13142 | RunNo: | 18590 | | | | | |
| Prep Date: | 5/13/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536900 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCS-13142 | SampType: | LCS | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | LCSS | Batch ID: | 13142 | RunNo: | 18590 | | | | | |
| Prep Date: | 5/13/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536901 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 96.1 | 90 | 110 | | | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405485

15-May-14

Client: Animas Environmental

Project: CoP Helen Jackson #2

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | MB-13132 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 13132 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/13/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536327 | 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 | 8.3 | | 10.00 | | 83.4 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | LCS-13132 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 13132 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/13/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536328 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 40 | 10 | 50.00 | 0 | 79.5 | 60.8 | 145 | | | |
| Surr: DNOP | 4.0 | | 5.000 | | 79.7 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | MB-13112 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 13112 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/12/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536644 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 8.9 | | 10.00 | | 88.8 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | LCS-13112 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 13112 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/12/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536647 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.7 | | 5.000 | | 93.5 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | MB-13119 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 13119 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/12/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536743 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.3 | | 10.00 | | 93.0 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | LCS-13119 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 13119 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/12/2014 | Analysis Date: | 5/13/2014 | SeqNo: | 536744 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.7 | | 5.000 | | 94.4 | 57.9 | 140 | | | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405485

15-May-14

Client: Animas Environmental

Project: CoP Helen Jackson #2

| | | | | | | | | | | |
|------------|-----------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | MB-13097 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 13097 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/9/2014 | Analysis Date: | 5/14/2014 | SeqNo: | 536755 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 8.9 | | 10.00 | | 89.3 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | LCS-13097 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 13097 | RunNo: | 18557 | | | | | |
| Prep Date: | 5/9/2014 | Analysis Date: | 5/14/2014 | SeqNo: | 536756 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.6 | | 5.000 | | 92.4 | 57.9 | 140 | | | |

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405485

15-May-14

Client: Animas Environmental

Project: CoP Helen Jackson #2

| Sample ID 5ML RB | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: R18567 | | RunNo: 18567 | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | | SeqNo: 536695 | | 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 | | 86.4 | 74.5 | 129 | | | |

| Sample ID 2.5UG GRO LCS | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|--------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: R18567 | | RunNo: 18567 | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | | SeqNo: 536696 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 102 | 71.7 | 134 | | | |
| Surr: BFB | 970 | | 1000 | | 97.3 | 74.5 | 129 | | | |

| Sample ID 1405485-001AMS | SampType: MS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|---------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SC-1 | Batch ID: R18567 | | RunNo: 18567 | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | | SeqNo: 536698 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 13 | 3.0 | 14.81 | 0 | 91.1 | 69.5 | 145 | | | |
| Surr: BFB | 540 | | 592.4 | | 90.3 | 74.5 | 129 | | | |

| Sample ID 1405485-001AMSD | SampType: MSD | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SC-1 | Batch ID: R18567 | | RunNo: 18567 | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | | SeqNo: 536699 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 13 | 3.0 | 14.81 | 0 | 87.0 | 69.5 | 145 | 4.58 | 20 | |
| Surr: BFB | 540 | | 592.4 | | 91.1 | 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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1405485

15-May-14

Client: Animas Environmental
Project: CoP Helen Jackson #2

| | | | | | | | | | | |
|-------------------------|---------------------------------|--|---------------------|--|--|--|--|--|--|--|
| Sample ID 5ML RB | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: PBS | Batch ID: R18567 | RunNo: 18567 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | SeqNo: 536717 | Units: mg/Kg | | | | | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------|--------|-------|-----------|-------------|------|----------|-----------|------|----------|------|
| Benzene | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.91 | | 1.000 | | 90.8 | 80 | 120 | | | |

| | | | | | | | | | | |
|---------------------------------|---------------------------------|--|---------------------|--|--|--|--|--|--|--|
| Sample ID 100NG BTEX LCS | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: LCSS | Batch ID: R18567 | RunNo: 18567 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | SeqNo: 536718 | Units: mg/Kg | | | | | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------|--------|-------|-----------|-------------|------|----------|-----------|------|----------|------|
| Benzene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Xylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 107 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 103 | 80 | 120 | | | |

| | | | | | | | | | | |
|---------------------------------|---------------------------------|--|---------------------|--|--|--|--|--|--|--|
| Sample ID 1405485-001AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: SC-1 | Batch ID: R18567 | RunNo: 18567 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | SeqNo: 536720 | Units: mg/Kg | | | | | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------|--------|-------|-----------|-------------|------|----------|-----------|------|----------|------|
| Benzene | 0.56 | 0.030 | 0.5924 | 0 | 94.0 | 67.4 | 135 | | | |
| Toluene | 0.56 | 0.030 | 0.5924 | 0 | 94.0 | 72.6 | 135 | | | |
| Ethylbenzene | 0.56 | 0.030 | 0.5924 | 0 | 95.1 | 69.4 | 143 | | | |
| Xylenes, Total | 1.8 | 0.059 | 1.777 | 0 | 101 | 70.8 | 144 | | | |
| Surr: 4-Bromofluorobenzene | 0.54 | | 0.5924 | | 91.9 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|--|--|--|--|--|--|--|
| Sample ID 1405485-001AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: SC-1 | Batch ID: R18567 | RunNo: 18567 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2014 | SeqNo: 536721 | Units: mg/Kg | | | | | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------|--------|-------|-----------|-------------|------|----------|-----------|------|----------|------|
| Benzene | 0.54 | 0.030 | 0.5924 | 0 | 91.8 | 67.4 | 135 | 2.40 | 20 | |
| Toluene | 0.54 | 0.030 | 0.5924 | 0 | 91.8 | 72.6 | 135 | 2.35 | 20 | |
| Ethylbenzene | 0.56 | 0.030 | 0.5924 | 0 | 94.0 | 69.4 | 143 | 1.12 | 20 | |
| Xylenes, Total | 1.8 | 0.059 | 1.777 | 0 | 99.8 | 70.8 | 144 | 1.46 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.60 | | 0.5924 | | 101 | 80 | 120 | 0 | 0 | |

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **Animas Environmental** Work Order Number: **1405485** RcptNo: **1**

Received by/date: *[Signature]* **05/13/14**

Logged By: **Lindsay Mangin** 5/13/2014 10:00:00 AM *[Signature]*

Completed By: **Lindsay Mangin** 5/13/2014 10:32:01 AM *[Signature]*

Reviewed By: *[Signature]* **05/13/14**

Chain of Custody

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

Log In

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

| | |
|--|--|
| # of preserved bottles checked for pH: | |
| (<2 or >12 unless noted) | |
| Adjusted? | |
| Checked by: | |

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

| | | | |
|----------------------|----------------------|-------|---|
| Person Notified: | <input type="text"/> | Date: | <input type="text"/> |
| By Whom: | <input type="text"/> | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | <input type="text"/> | | |
| Client Instructions: | <input type="text"/> | | |

17. Additional remarks:

18. Cooler Information

| Cooler No. | Temp.°C | Condition | Seal Intact | Seal No. | Seal Date | Signed By |
|------------|---------|-----------|-------------|----------|-----------|-----------|
| 1 | 1.8 | Good | Yes | | | |

Analytical Report

Lab Order 1405485

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: CoP Helen Jackson #2

Collection Date: 5/12/2014 2:42:00 PM

Lab ID: 1405485-001

Matrix: MEOH (SOIL)

Received Date: 5/13/2014 10:00:00 AM

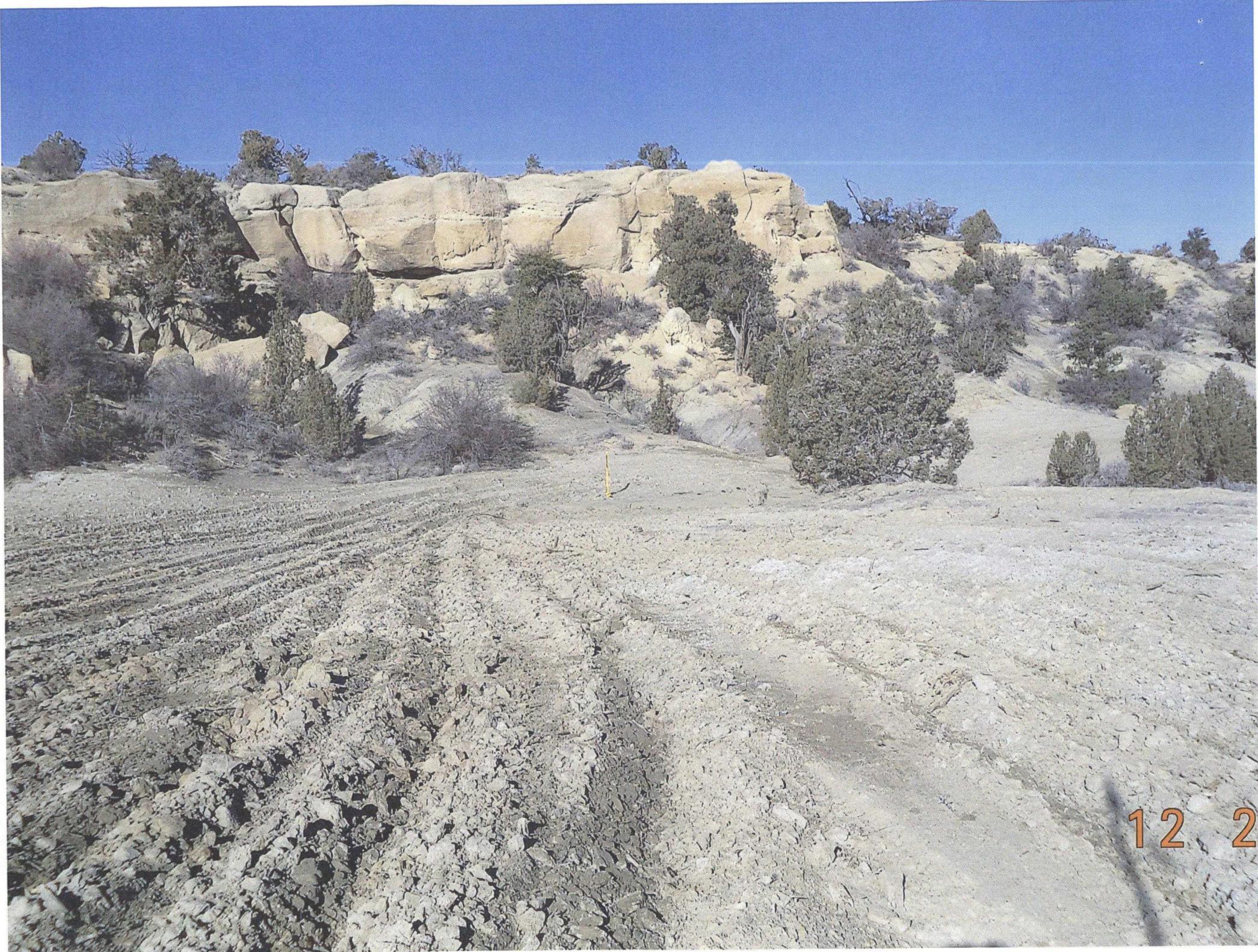
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|----------|------|-------|----|-----------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | Analyst: BCN |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg | 1 | 5/13/2014 2:00:21 PM |
| Surr: DNOP | 90.7 | 57.9-140 | | %REC | 1 | 5/13/2014 2:00:21 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM |
| Surr: BFB | 81.7 | 74.5-129 | | %REC | 1 | 5/13/2014 11:40:16 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: NSB |
| Benzene | ND | 0.050 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 5/13/2014 11:40:16 AM |
| Surr: 4-Bromofluorobenzene | 86.5 | 80-120 | | %REC | 1 | 5/13/2014 11:40:16 AM |

Chloride = Non-Detect

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

| | | | | | |
|--------------------|---|---|----|---|-------------|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank | |
| | E | Value above quantitation range | H | Hold times for preparation or analysis exceeded | |
| | J | Analyte detected below quantitation limits | ND | Not detected at the Reporting Limit | Page 1 of 0 |
| | O | RPD is greater than 2SD/m | N | Sample prep greater than 2 | |
| | R | RPD outside accepted recovery limits | RL | Reporting Detection Limit | |
| | S | Spike Recovery outside accepted recovery limits | | | |

PRELIMINARY



12 2



12 2

30



JACKSON

#2

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | | | |
|-----------------|--------------------------------------|---------------|----------------|
| Name of Company | ConocoPhillips | Contact | Patsy Clugston |
| Address | P. O. Box 4289, Farmington, NM 87499 | Telephone No. | 505-326-9518 |
| Facility Name | Helen Jackson #2 | Facility Type | Gas Well |

| | | | | | |
|---------------|---------|---------------|---------------------|---------|--------------|
| Surface Owner | Federal | Mineral Owner | Federal – SF-079947 | API No. | 30-045-07723 |
|---------------|---------|---------------|---------------------|---------|--------------|

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|----------|
| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
| A | 33 | 29N | 9W | 790 | North | 1265 | East | San Juan |

Latitude 36.687301 Longitude -107.78157

NATURE OF RELEASE

| | | | | | |
|-----------------------------|---|---|-----|----------------------------|-----|
| Type of Release | none | Volume of Release | N/A | Volume Recovered | N/A |
| Source of Release | N/A | Date and Hour of Occurrence- | N/A | Date and Hour of Discovery | N/A |
| Was Immediate Notice Given? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | | | |
| By Whom? | | Date and Hour | | | |
| Was a Watercourse Reached? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | | | |

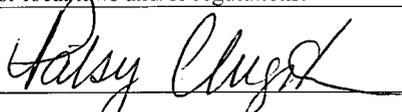
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Describe Area Affected and Cleanup Action Taken.*

BGT Closure: no release found upon removal.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | |
|--|---------------------------------------|------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Patsy Clugston | Approved by Environmental Specialist: | |
| Title: Staff Regulatory Technician | Approval Date: | Expiration Date: |
| E-mail Address: Patsy.L.Clugston@conocophillips.com | Conditions of Approval: | |
| Date: 3-3-15 Phone: 505-326-9518 | Attached <input type="checkbox"/> | |

* Attach Additional Sheets If Necessary

A

BGT Closure Packet Check List - Well Name: Helen Jackson 2
(S:\gsRED\Regulatory Pits (ADM090-12yrs)\New Requirements\Checklists\BGT Closure Check List)

3/3/15 ✓ DA ✓ PC

Below-grade Tank Closure Report from HSE

(S:\gsHSE\Element 6-Programs & Procedures\Underground Storage Tanks, Vessels, & Pits\Tank and Line Test Results HSE800 E+20Y\Below Grade Tanks\ZZ-BGT Closure Reports (there are two folders-Below Grade Tanks & ZZ-BGT Closure Reports - check in both places for documents)

3/3/15 - DA ✓ PC

Sampling (S:\gsHSE\Element 6-Programs & Procedures\Underground Storage Tanks, Vessels, & Pits\Tank and Line Test Results HSE800 E+20Y\Below Grade Tanks\ZZ-BGT Closure Reports (there are two folders-Below Grade Tanks & ZZ-BGT Closure Reports - check in both places for documents)

3/3/15 ✓ DA ✓ PC

Proof of Closure (72 Hour Notice) e-mail to NMOCD E-mail notice located @

S:\gsREG\WELLS LIST\WELL NAME\72 Hour Notice BGT Closure (for post 2008 BGT's.) or research through Jamie's Folder in LRM (subfolders designated) - some have been moved to Wells List or Regulatory Pits\New Requirements\BGT_Closure Report_e-mails\some don't exist at all.

Surface Owner Notification -(S:\gsREG\Wells List\Well Name) Saved copy of e-mail you sent

3/3/15 ✓ DA ✓ PC

Pictures (Pit Closure Form located @ S:\gsProj\tssjd-copy\Construction\Open Pit Inspections (EEF170). Print the reclamation form for reference of Closure Date for C144 (use Start of Reclamation as the Closure Date)-If Reclamation has not taken place, we only need a picture of when they backfilled after removing the BGT.

3/3/15 ✓ DA ✓ PC

C144 with correct operator, well name, lat/long., surface owner

(S:\gs REG\Regulatory Pits (ADM090-12yrs)\New Requirements\C-144 Forms\Pre 2013 C144 Forms\BGT Closure (OLD)-Closure date for BGT's that have not had reclamation work done would be the date the samples were taken when BGT was removed.

3/3/15 ✓ DA ✓ PC

Below-grade Tank Closure Report Summary w/ C-141 *if no release occurred complete C144*

(S:\gs REG\Regulatory Pits (ADM090-12yrs)\New Requirements\BGT Closure Summary Report Templates\Normal or Without Reclamation C-141 found @ S:\gsHSE\Element 6-Programs & Procedures\Underground Storage Tanks, Vessels, & Pits\Tank and Line Test Results HSE800 E+20Y\Below Grade Tanks

Order for submitting the packet

1. C144 Form
2. BGT Closure Report Summary
3. Proof of Closure (72 Hour Notice) e-mail to NMOCD
4. BGT Closure Report from HSE & C141 Form
5. Sampling Results
6. Pictures

The items on this checklist need to be checked off and initialed by the person completing the work and must accompany the C-144 Closure Packet when it is handed off for QC and the QC person must initial it as well. This checklist is to be scanned into Wells List & DSM as part of the BGT Closure Packet.