

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.

Pit, Below-Grade Tank, or  
13085 Proposed Alternative Method Permit or Closure Plan Application

OIL CONS. DIV DIST. 3

Type of action:  Below grade tank registration  
 Permit of a pit or proposed alternative method  
 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

AUG 27 2015

45-10472

**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: Burlington Resources OGRID #: 14538  
Address: PO BOX 4289, Farmington, NM 87499  
Facility or well name: Crandell SRC 2  
API Number: 30-045-10472 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr M Section 19 Township 31N Range 10W County: San Juan  
Center of Proposed Design: Latitude 36.87956 °N Longitude -107.92949 °W NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2.  
 Pit: Subsection F, G or J of 19.15.17.11 NMAC  
Temporary:  Drilling  Workover  
 Permanent  Emergency  Cavitation  P&A  
 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 \_\_\_\_\_

**DENIED**  
No Closure Completion Date and missing C-141 as required by 19.15.17.13.E (4) NMAC (2008)  
BY: Jonathan Kelly  
DATE: 10/5/2015 (505) 334-6178 Ext. 122  
Chloride Drilling Fluid  yes  no  
Please Review, Revise and Resubmit.

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 \_\_\_\_\_

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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.

**Variations 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

|  |  |
|--|--|
| <p>Within 100 feet of a wetland.<br/>         - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p><b><u>Temporary Pit Non-low chloride drilling fluid</u></b></p>   |  |
| <p>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).<br/>         - Topographic map; Visual inspection (certification) of the proposed site</p>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br/>         - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>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;<br/>         - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>Within 300 feet of a wetland.<br/>         - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p><b><u>Permanent Pit or Multi-Well Fluid Management Pit</u></b></p>  |  |
| <p>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).<br/>         - Topographic map; Visual inspection (certification) of the proposed site</p>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.<br/>         - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</p>   | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>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.<br/>         - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</p>  | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>Within 500 feet of a wetland.<br/>         - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</p>   | <input type="checkbox"/> Yes <input type="checkbox"/> 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 H<sub>2</sub>S, 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.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is between 25-50 feet below the bottom of the buried waste<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> NA |
| Ground water is more than 100 feet below the bottom of the buried waste.<br>- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells  | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><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).<br>- 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.<br>- 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.<br>- 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.<br>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   | <input type="checkbox"/> Yes <input type="checkbox"/> No                                |

|   |  |
|---|--|
| adopted pursuant to NMSA 1978, Section 3-27-3, as amended.<br>- Written confirmation or verification from the municipality; Written approval obtained from the municipality | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within the area overlying a subsurface mine.<br>- Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division                                 | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within an unstable area.<br>- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map     | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Within a 100-year floodplain.<br>- FEMA map   | <input type="checkbox"/> Yes <input type="checkbox"/> 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 \_\_\_\_\_ (see attachment))

OCD Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_



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: \_\_\_\_\_

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: 8/19/15

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

**Burlington Resources Oil Gas Company, LP**  
**San Juan Basin**  
**Below Grade Tank Closure Report**

**Lease Name: Crandell SRC 2**  
**API No.: 30-045-10472**

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. BR 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. BR 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. BR 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 BR 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. BR 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.

8/19/2015

7. A five point composite sample was taken of the below-grade tank using sampling tools and all samples tested per Subsection B of 19.15.17.13 (B)(1)(b). (Sample results 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 BR or the division determines that a release has occurred, then BR 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 BR 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:
- Operator's name
  - Location by Unit Letter, Section, Township, and Range. Well name and API number.

**Notification is attached.**

11. The surface owner shall be notified of BR'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 not found. BR was not aware that the original notification sent at the time of Permitting was not the only closure notification required.**

**Burlington Resources has reviewed our internal processes and has updated them to include the required 72 hour notification.**

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 place 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. BR 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 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**)

**Closure Documentation was not submitted within the 60 day requirement due to employee turnovers. ConocoPhillips has reviewed our internal processes and has updated them to ensure closure documentation is submitted with the 60 day time frame.**

## Clugston, Patricia L

---

**From:** Busse, Dollie L  
**Sent:** Tuesday, October 28, 2014 11:16 AM  
**To:** 'Smith, Cory, EMNRD'  
**Cc:** Journey, Denise D (Denise.Journey@conocophillips.com)  
**Subject:** RE: APPROVED BR\_Crandell SRC #2\_30-045-10472\_BGT Closure

Hi Cory,

The BGT is scheduled to be removed on Thursday, October 30<sup>th</sup> in the late afternoon. We are unable to provide a specific time.

Please let me know if you have any questions.

Thanks for your help!  
Dollie

---

**From:** Smith, Cory, EMNRD [<mailto:Cory.Smith@state.nm.us>]  
**Sent:** Tuesday, October 28, 2014 10:15 AM  
**To:** Busse, Dollie L  
**Cc:** Journey, Denise D; Powell, Brandon, EMNRD  
**Subject:** [EXTERNAL]RE: APPROVED BR\_Crandell SRC #2\_30-045-10472\_BGT Closure

Dollie,

OCD does not need a Copy of the Approved Closure Plan unless it is **requested**. Once it is approved in Santa Fe, they will scan it into our shared records system and we can access it for review in the districts. If Closure Plan approval and Closure Notice happen within the same day then it is helpful but not required to include the approved Closure plan with the Notification, because our system requires a Sync which happens at the Start and End of the Business day.

Please send all Closure Notification to myself, Conoco no longer needs to send them to Brandon.

However, OCD does needs Notification Via email of closure pursuant to 19.15.17.13.E.2 NMAC Which should be provided at a minimum of 72 hours but not more than one week prior to closure and shall include Operators name and the location to be closed by unit letter section, township, range and if its associated with a well the wells API# we also request that Conoco provide OCD with an estimated start date and time to the best of your ability.

If you have any questions please call me at your leisure.

Thank you,

Cory Smith  
Environmental Specialist  
Oil Conservation Division  
Energy, Minerals, & Natural Resources  
1000 Rio Brazos, Aztec, NM 87410  
(505)334-6178 ext 115  
[cory.smith@state.nm.us](mailto:cory.smith@state.nm.us)



November 14, 2014

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

Via electronic mail to: [SJBUE-Team@ConocoPhillips.com](mailto:SJBUE-Team@ConocoPhillips.com)

**RE: Below Grade Tank Closure Report  
Crandell SRC #2  
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) Crandell SRC #2, located in San Juan County, New Mexico. Tank removal was completed by CoP contractors while AES was on site.

---

## 1.0 Site Information

### 1.1 Location

Site Name – Crandell SRC #2  
Legal Description – SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 19, T31N, R10W, San Juan County, New Mexico  
Well Latitude/Longitude – N36.87949 and W107.92940, respectively  
BGT Latitude/Longitude – N36.87956 and W107.92949, respectively  
Land Jurisdiction – Bureau of Land Management (BLM)  
Figure 1. Topographic Site Location Map  
Figure 2. Aerial Site Map, October 2014

### 1.2 NMOCD Ranking

In accordance with the New Mexico Oil Conservation Division  
(NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases*

604 W. Piñon St.  
Farmington, NM 87401  
505-564-2281

1911 Main, Ste 280  
Durango, CO  
970-403-3084

(August 1993), the location was given a ranking score of 20 based on the following factors:

- **Depth to Groundwater:** A cathodic report form dated January 1995 reported the depth to groundwater at 115 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:** An unnamed wash that ultimately discharges to the Animas River is located approximately 115 feet to the northwest. (20 points)

### 1.3 BGT Closure Assessment

AES was initially contacted by Hector Nevarez, CoP representative, on October 28, 2014, and on the same day, Corwin Lameman and Sam Glasses 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 October 28, 2014, AES personnel conducted field sampling 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 Sampling

#### 2.1.1 Volatile Organic Compounds

A portion of each sample was utilized for field screening of VOC vapors with a photoionization 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-4 up to 12.8 ppm in S-2. Field TPH concentrations ranged from less than 20.0 mg/kg in S-3 and S-5 up to 20.0 mg/kg in S-1, S-2, and S-4. The field chloride concentration in SC-1 was 40 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  
 Crandell SRC #2 BGT Closure, October 2014

| Sample ID                                      | Date Sampled | Depth below BGT (ft) | VOCs OVM Reading (ppm) | Field TPH (mg/kg) | Field Chlorides (mg/kg) |
|--|--------------|----------------------|------------------------|-------------------|-------------------------|
| <b>NMOCDA Action Level (NMAC 19.15.17.13E)</b> |              |                      | --                     | 100               | 250                     |
| S-1  | 10/28/14     | 0.5                  | 1.0                    | 20.0              | NA                      |
| S-2  | 10/28/14     | 0.5                  | 12.8                   | 20.0              | NA                      |
| S-3  | 10/28/14     | 0.5                  | 1.8                    | <20.0             | NA                      |
| S-4  | 10/28/14     | 0.5                  | 0.1                    | 20.0              | NA                      |
| S-5  | 10/28/14     | 0.5                  | 0.8                    | <20.0             | NA                      |
| SC-1   | 10/28/14     | 0.5                  | 0.4                    | NA                | 40                      |

NA - not analyzed

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.027 mg/kg and 0.135 mg/kg, respectively. TPH concentrations as GRO and DRO were reported at less than 2.7 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  
 Crandell SRC #2 BGT Closure, October 2014

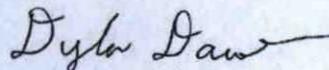
| Sample ID                                     | Date Sampled | Depth (ft) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | Chlorides (mg/kg) |
|---|--------------|------------|-----------------|--------------------|-----------------|-----------------|-------------------|
| <b>NMOCD Action Level (NMAC 19.15.17.13E)</b> |              |            | <b>0.2</b>      | <b>50</b>          | <b>100</b>      |                 | <b>250</b>        |
| SC-1  | 10/28/14     | 0.5        | <0.027          | <0.135             | <2.7            | <9.9            | <30               |

### 3.0 Conclusions and Recommendations

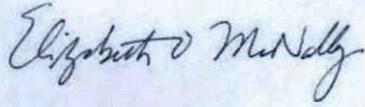
NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with the highest concentration reported in S-1, S-2, and S-4 with 20.0 mg/kg. Benzene and total BTEX concentrations in SC-1 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 sampling and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended at Crandell SRC #2.

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

Sincerely,



Dylan Davis  
 Staff Geologist

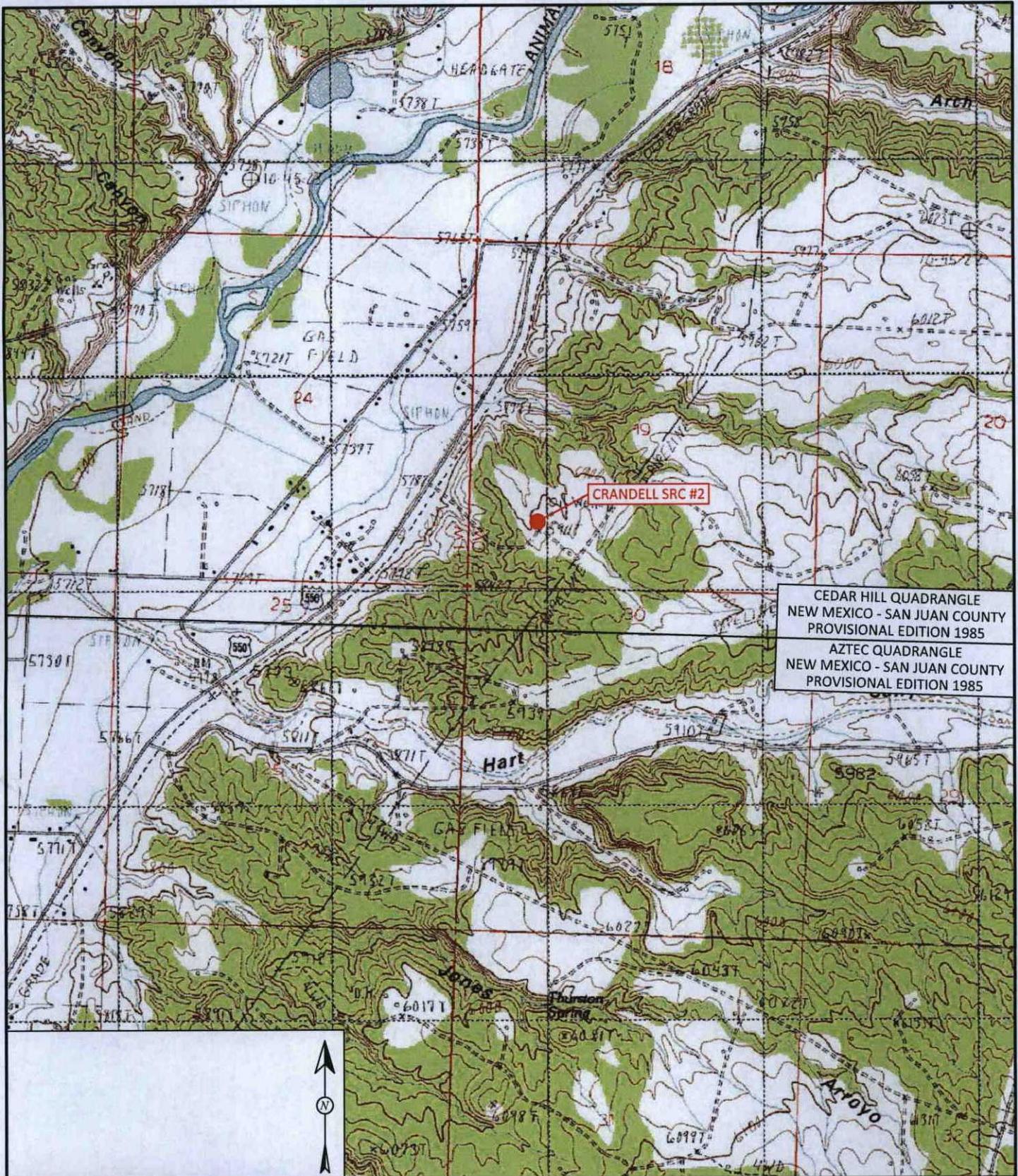


Elizabeth McNally, P.E.

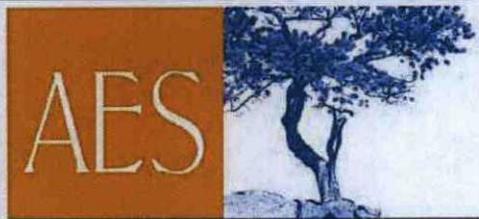
Attachments:

- Figure 1. Topographic Site Location Map
- Figure 2. Aerial Site Map, October 2014
- AES Field Sampling Report 102814
- Hall Analytical Report 1410C83

C:\Users\emcnally\Dropbox (Animas Environmental)\0000 Animas Server Dropbox EM\2014  
Projects\ConocoPhillips\Crandell SRC #2\CoP Crandell SRC #2 BGT Closure Report 111414.docx



CEDAR HILL QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 PROVISIONAL EDITION 1985  
 AZTEC QUADRANGLE  
 NEW MEXICO - SAN JUAN COUNTY  
 PROVISIONAL EDITION 1985



Animas Environmental Services, LLC

|                                    |   |
|------------------------------------|---|
| <b>DRAWN BY:</b><br>S. Glasses     | <b>DATE DRAWN:</b><br>October 28, 2014    |
| <b>REVISIONS BY:</b><br>C. Lameman | <b>DATE REVISED:</b><br>October 28, 2014  |
| <b>CHECKED BY:</b><br>E. Skyles    | <b>DATE CHECKED:</b><br>October 28, 2014  |
| <b>APPROVED BY:</b><br>E. McNally  | <b>DATE APPROVED:</b><br>October 28, 2014 |

**FIGURE 1**

**TOPOGRAPHIC SITE LOCATION MAP**  
 ConocoPhillips  
 CRANDELL SRC #2  
 SW¼ SW¼, SECTION 19, T31N, R10W  
 SAN JUAN COUNTY, NEW MEXICO  
 N36.87949, W107.92940

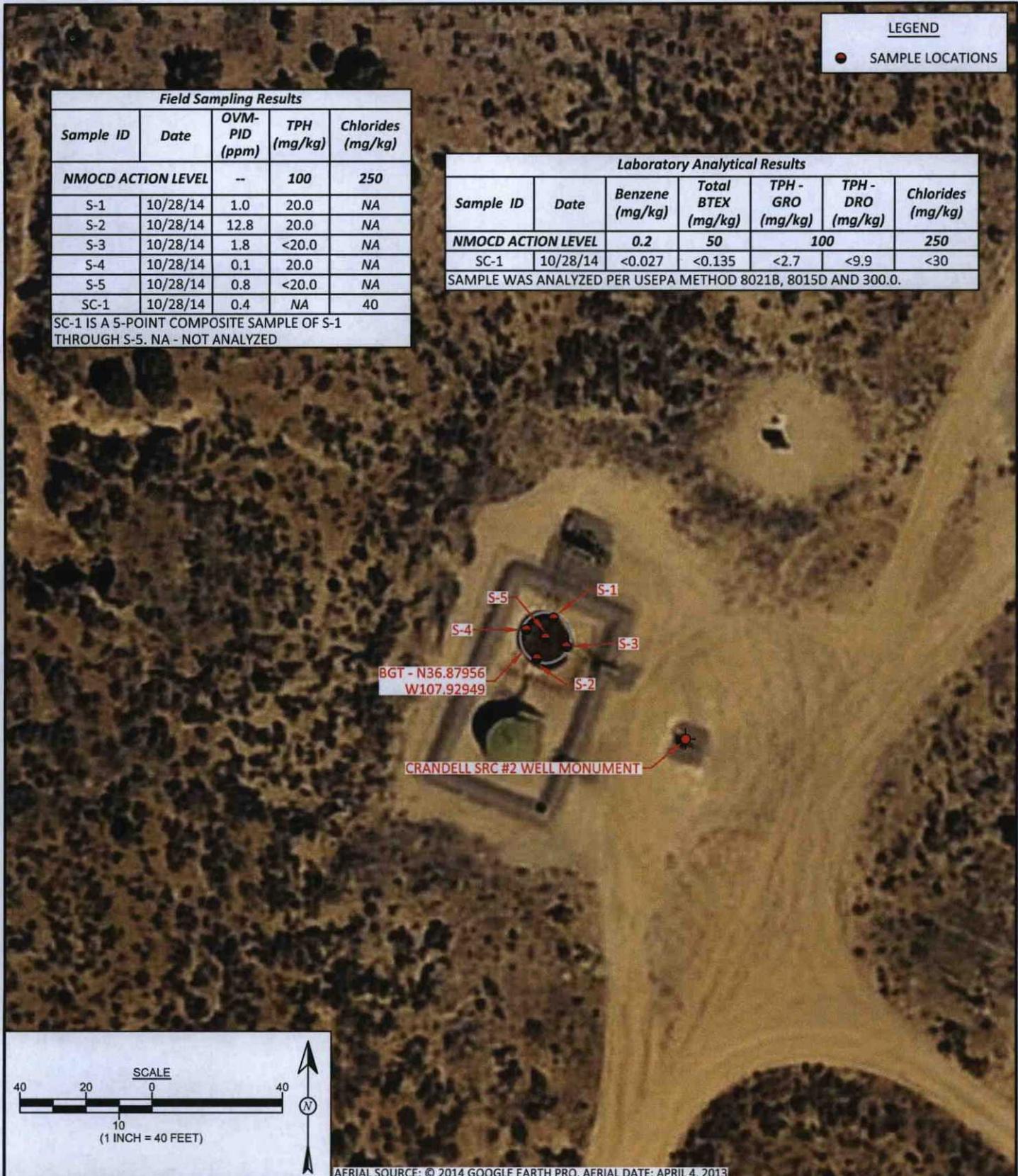
**LEGEND**  
 **SAMPLE LOCATIONS**

| Field Sampling Results    |          |               |             |                   |
|---------------------------|----------|---------------|-------------|-------------------|
| Sample ID                 | Date     | OVM-PID (ppm) | TPH (mg/kg) | Chlorides (mg/kg) |
| <b>NMOCD ACTION LEVEL</b> |          | --            | 100         | 250               |
| S-1                       | 10/28/14 | 1.0           | 20.0        | NA                |
| S-2                       | 10/28/14 | 12.8          | 20.0        | NA                |
| S-3                       | 10/28/14 | 1.8           | <20.0       | NA                |
| S-4                       | 10/28/14 | 0.1           | 20.0        | NA                |
| S-5                       | 10/28/14 | 0.8           | <20.0       | NA                |
| SC-1                      | 10/28/14 | 0.4           | NA          | 40                |

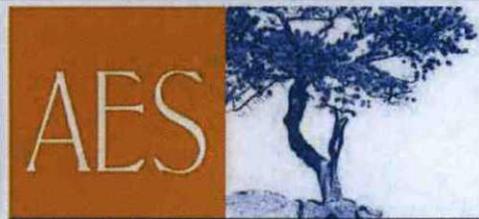
SC-1 IS A 5-POINT COMPOSITE SAMPLE OF S-1 THROUGH S-5. NA - NOT ANALYZED

| Laboratory Analytical Results |          |                 |                    |                   |                   |                   |
|-------------------------------|----------|-----------------|--------------------|-------------------|-------------------|-------------------|
| Sample ID                     | Date     | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH - GRO (mg/kg) | TPH - DRO (mg/kg) | Chlorides (mg/kg) |
| <b>NMOCD ACTION LEVEL</b>     |          | 0.2             | 50                 | 100               | 250               |                   |
| SC-1                          | 10/28/14 | <0.027          | <0.135             | <2.7              | <9.9              | <30               |

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



AERIAL SOURCE: © 2014 GOOGLE EARTH PRO, AERIAL DATE: APRIL 4, 2013



Animas Environmental Services, LLC

|                                    |   |
|------------------------------------|---|
| <b>DRAWN BY:</b><br>S. Glasses     | <b>DATE DRAWN:</b><br>October 28, 2014    |
| <b>REVISIONS BY:</b><br>C. Lameman | <b>DATE REVISED:</b><br>October 28, 2014  |
| <b>CHECKED BY:</b><br>E. Skyles    | <b>DATE CHECKED:</b><br>October 28, 2014  |
| <b>APPROVED BY:</b><br>E. McNally  | <b>DATE APPROVED:</b><br>October 28, 2014 |

**FIGURE 2**  
**AERIAL SITE MAP**  
**BELOW GRADE TANK CLOSURE**  
**OCTOBER 2014**  
 ConocoPhillips  
 CRANDELL SRC #2  
 SW¼ SW¼, SECTION 19, T31N, R10W  
 SAN JUAN COUNTY, NEW MEXICO  
 N36.87949, W107.92940

# AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Crandell SRC #2

Date: 10/28/2014

Matrix: Soil

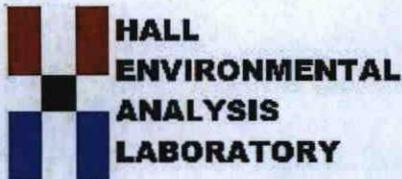
| Sample ID | Collection Date | Time of Sample Collection | Sample Location | OMV (ppm) | Field Chloride (mg/kg) | Field TPH* (mg/kg)   | Field TPH Analysis Time | TPH PQL (mg/kg) | DF | TPH Analysts Initials |
|-----------|-----------------|---------------------------|-----------------|-----------|------------------------|----------------------|-------------------------|-----------------|----|-----------------------|
| S-1       | 10/28/2014      | 10:41                     | North           | 1.0       | NA                     | 20.0                 | 11:50                   | 20.0            | 1  | CL                    |
| S-2       | 10/28/2014      | 10:45                     | South           | 12.8      | NA                     | 20.0                 | 11:53                   | 20.0            | 1  | CL                    |
| S-3       | 10/28/2014      | 10:49                     | East            | 1.8       | NA                     | 18.6                 | 11:57                   | 20.0            | 1  | CL                    |
| S-4       | 10/28/2014      | 10:53                     | West            | 0.1       | NA                     | 20.0                 | 12:06                   | 20.0            | 1  | CL                    |
| S-5       | 10/28/2014      | 10:57                     | Center          | 0.8       | NA                     | 12.9                 | 12:09                   | 20.0            | 1  | CL                    |
| SC-1      | 10/28/2014      | 11:05                     | Composite       | 0.4       | 40                     | Not Analyzed for TPH |                         |                 |    |                       |

DF Dilution Factor  
 NA Not Analyzed  
 PQL Practical Quantitation Limit

\*Field TPH concentrations recorded may be below PQL.

Field Chloride - Quantab Chloride Titrators or Drop Count  
 Titration with Silver Nitrate  
 Total Petroleum Hydrocarbons - USEPA 418.1

Analyst:



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

October 30, 2014

Emilee Skyles  
Animas Environmental  
604 Pinon Street  
Farmington, NM 87401  
TEL: (505) 564-2281  
FAX

RE: CoP Crandell SRC #2

OrderNo.: 1410C83

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/29/2014 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](http://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 light blue horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

Analytical Report

Lab Order 1410C83

Date Reported: 10/30/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: CoP Crandell SRC #2

Collection Date: 10/28/2014 11:05:00 AM

Lab ID: 1410C83-001

Matrix: SOIL

Received Date: 10/29/2014 7:30:00 AM

| Analyses                                       | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch  |
|--|--------|----------|------|-------|----|------------------------|--------|
| <b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        |        |
| Analyst: <b>BCN</b>                            |        |          |      |       |    |                        |        |
| Diesel Range Organics (DRO)                    | ND     | 9.9      |      | mg/Kg | 1  | 10/29/2014 12:01:52 PM | 16136  |
| Surr: DNOP                                     | 108    | 63.5-128 |      | %REC  | 1  | 10/29/2014 12:01:52 PM | 16136  |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>        |        |          |      |       |    |                        |        |
| Analyst: <b>NSB</b>                            |        |          |      |       |    |                        |        |
| Gasoline Range Organics (GRO)                  | ND     | 2.7      |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| Surr: BFB                                      | 88.4   | 80-120   |      | %REC  | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| <b>EPA METHOD 8021B: VOLATILES</b>             |        |          |      |       |    |                        |        |
| Analyst: <b>NSB</b>                            |        |          |      |       |    |                        |        |
| Benzene  | ND     | 0.027    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| Toluene  | ND     | 0.027    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| Ethylbenzene                                   | ND     | 0.027    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| Xylenes, Total                                 | ND     | 0.054    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| Surr: 4-Bromofluorobenzene                     | 91.1   | 80-120   |      | %REC  | 1  | 10/29/2014 9:48:21 AM  | R22210 |
| <b>EPA METHOD 300.0: ANIONS</b>                |        |          |      |       |    |                        |        |
| Analyst: <b>LGP</b>                            |        |          |      |       |    |                        |        |
| Chloride                                       | ND     | 30       |      | mg/Kg | 20 | 10/29/2014 10:40:39 AM | 16138  |

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

|                    |   |  |
|--------------------|---|--|
| <b>Qualifiers:</b> | * 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#: 1410C83

30-Oct-14

Client: Animas Environmental

Project: CoP Crandell SRC #2

|            |            |                |            |             |                          |          |           |      |          |      |
|------------|------------|----------------|------------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | MB-16138   | SampType:      | MBLK       | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | PBS        | Batch ID:      | 16138      | RunNo:      | 22235                    |          |           |      |          |      |
| Prep Date: | 10/29/2014 | Analysis Date: | 10/29/2014 | SeqNo:      | 655155                   | Units:   | mg/Kg     |      |          |      |
| Analyte    | Result     | PQL            | SPK value  | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | ND         | 1.5            |            |             |                          |          |           |      |          |      |

|            |            |                |            |             |                          |          |           |      |          |      |
|------------|------------|----------------|------------|-------------|--------------------------|----------|-----------|------|----------|------|
| Sample ID  | LCS-16138  | SampType:      | LCS        | TestCode:   | EPA Method 300.0: Anions |          |           |      |          |      |
| Client ID: | LCSS       | Batch ID:      | 16138      | RunNo:      | 22235                    |          |           |      |          |      |
| Prep Date: | 10/29/2014 | Analysis Date: | 10/29/2014 | SeqNo:      | 655156                   | Units:   | mg/Kg     |      |          |      |
| Analyte    | Result     | PQL            | SPK value  | SPK Ref Val | %REC                     | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride   | 14         | 1.5            | 15.00      | 0           | 92.0                     | 90       | 110       |      |          |      |

## 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#: 1410C83

30-Oct-14

Client: Animas Environmental

Project: CoP Crandell SRC #2

|                             |            |                |            |             |   |          |           |      |          |      |
|-----------------------------|------------|----------------|------------|-------------|---|----------|-----------|------|----------|------|
| Sample ID                   | MB-16136   | SampType:      | MBLK       | TestCode:   | EPA Method 8015D: Diesel Range Organics |          |           |      |          |      |
| Client ID:                  | PBS        | Batch ID:      | 16136      | RunNo:      | 22208                                   |          |           |      |          |      |
| Prep Date:                  | 10/29/2014 | Analysis Date: | 10/29/2014 | SeqNo:      | 654192                                  | Units:   | mg/Kg     |      |          |      |
| Analyte                     | Result     | PQL            | SPK value  | SPK Ref Val | %REC                                    | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND         | 10             |            |             |   |          |           |      |          |      |
| Surr: DNOP                  | 9.1        |                | 10.00      |             | 91.3                                    | 63.5     | 128       |      |          |      |

|                             |            |                |            |             |   |          |           |      |          |      |
|-----------------------------|------------|----------------|------------|-------------|---|----------|-----------|------|----------|------|
| Sample ID                   | LCS-16136  | SampType:      | LCS        | TestCode:   | EPA Method 8015D: Diesel Range Organics |          |           |      |          |      |
| Client ID:                  | LCSS       | Batch ID:      | 16136      | RunNo:      | 22208                                   |          |           |      |          |      |
| Prep Date:                  | 10/29/2014 | Analysis Date: | 10/29/2014 | SeqNo:      | 654203                                  | Units:   | mg/Kg     |      |          |      |
| Analyte                     | Result     | PQL            | SPK value  | SPK Ref Val | %REC                                    | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49         | 10             | 50.00      | 0           | 98.5                                    | 68.6     | 130       |      |          |      |
| Surr: DNOP                  | 4.1        |                | 5.000      |             | 81.1                                    | 63.5     | 128       |      |          |      |

## Qualifiers:

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- E Value above quantitation range
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- 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#: 1410C83

30-Oct-14

Client: Animas Environmental

Project: CoP Crandell SRC #2

|                               |                    |                |                   |             |   |          |              |      |          |      |
|-------------------------------|--------------------|----------------|-------------------|-------------|---|----------|--------------|------|----------|------|
| Sample ID                     | <b>MB-16122 MK</b> | SampType:      | <b>MBLK</b>       | TestCode:   | <b>EPA Method 8015D: Gasoline Range</b> |          |              |      |          |      |
| Client ID:                    | <b>PBS</b>         | Batch ID:      | <b>R22210</b>     | RunNo:      | <b>22210</b>                            |          |              |      |          |      |
| Prep Date:                    |                    | Analysis Date: | <b>10/29/2014</b> | SeqNo:      | <b>654501</b>                           | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result             | PQL            | SPK value         | SPK Ref Val | %REC                                    | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                 | 5.0            |                   |             |   |          |              |      |          |      |
| Surr: BFB                     | 880                |                | 1000              |             | 88.0                                    | 80       | 120          |      |          |      |

|                               |                     |                |                   |             |   |          |              |      |          |      |
|-------------------------------|---------------------|----------------|-------------------|-------------|---|----------|--------------|------|----------|------|
| Sample ID                     | <b>LCS-16122 MK</b> | SampType:      | <b>LCS</b>        | TestCode:   | <b>EPA Method 8015D: Gasoline Range</b> |          |              |      |          |      |
| Client ID:                    | <b>LCSS</b>         | Batch ID:      | <b>R22210</b>     | RunNo:      | <b>22210</b>                            |          |              |      |          |      |
| Prep Date:                    |                     | Analysis Date: | <b>10/29/2014</b> | SeqNo:      | <b>654502</b>                           | Units:   | <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result              | PQL            | SPK value         | SPK Ref Val | %REC                                    | LowLimit | HighLimit    | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25                  | 5.0            | 25.00             | 0           | 98.6                                    | 65.8     | 139          |      |          |      |
| Surr: BFB                     | 950                 |                | 1000              |             | 95.1                                    | 80       | 120          |      |          |      |

|            |                   |                |                   |             |   |          |             |      |          |      |
|------------|-------------------|----------------|-------------------|-------------|---|----------|-------------|------|----------|------|
| Sample ID  | <b>MB-16122</b>   | SampType:      | <b>MBLK</b>       | TestCode:   | <b>EPA Method 8015D: Gasoline Range</b> |          |             |      |          |      |
| Client ID: | <b>PBS</b>        | Batch ID:      | <b>16122</b>      | RunNo:      | <b>22210</b>                            |          |             |      |          |      |
| Prep Date: | <b>10/28/2014</b> | Analysis Date: | <b>10/29/2014</b> | SeqNo:      | <b>654504</b>                           | Units:   | <b>%REC</b> |      |          |      |
| Analyte    | Result            | PQL            | SPK value         | SPK Ref Val | %REC                                    | LowLimit | HighLimit   | %RPD | RPDLimit | Qual |
| Surr: BFB  | 880               |                | 1000              |             | 88.0                                    | 80       | 120         |      |          |      |

|            |                   |                |                   |             |   |          |             |      |          |      |
|------------|-------------------|----------------|-------------------|-------------|---|----------|-------------|------|----------|------|
| Sample ID  | <b>LCS-16122</b>  | SampType:      | <b>LCS</b>        | TestCode:   | <b>EPA Method 8015D: Gasoline Range</b> |          |             |      |          |      |
| Client ID: | <b>LCSS</b>       | Batch ID:      | <b>16122</b>      | RunNo:      | <b>22210</b>                            |          |             |      |          |      |
| Prep Date: | <b>10/28/2014</b> | Analysis Date: | <b>10/29/2014</b> | SeqNo:      | <b>654505</b>                           | Units:   | <b>%REC</b> |      |          |      |
| Analyte    | Result            | PQL            | SPK value         | SPK Ref Val | %REC                                    | LowLimit | HighLimit   | %RPD | RPDLimit | Qual |
| Surr: BFB  | 950               |                | 1000              |             | 95.1                                    | 80       | 120         |      |          |      |

**Qualifiers:**

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# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410C83

30-Oct-14

**Client:** Animas Environmental

**Project:** CoP Crandell SRC #2

| Sample ID <b>MB-16122 MK</b> | SampType: <b>MBLK</b>            |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>R22210</b>          |       | RunNo: <b>22210</b>                          |             |                     |          |           |      |          |      |
| Prep Date:                   | Analysis Date: <b>10/29/2014</b> |       | SeqNo: <b>654548</b>                         |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| 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  |             | 91.2                | 80       | 120       |      |          |      |

| Sample ID <b>LCS-16122 MK</b> | SampType: <b>LCS</b>             |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|-------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>R22210</b>          |       | RunNo: <b>22210</b>                          |             |                     |          |           |      |          |      |
| Prep Date:                    | Analysis Date: <b>10/29/2014</b> |       | SeqNo: <b>654549</b>                         |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                       | 0.97                             | 0.050 | 1.000  | 0           | 97.1                | 80       | 120       |      |          |      |
| Toluene                       | 0.98                             | 0.050 | 1.000  | 0           | 97.7                | 80       | 120       |      |          |      |
| Ethylbenzene                  | 0.99                             | 0.050 | 1.000  | 0           | 98.7                | 80       | 120       |      |          |      |
| Xylenes, Total                | 2.9                              | 0.10  | 3.000  | 0           | 97.9                | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene    | 0.95                             |       | 1.000  |             | 95.1                | 80       | 120       |      |          |      |

| Sample ID <b>MB-16122</b>    | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>16122</b>           |     | RunNo: <b>22210</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>10/28/2014</b> | Analysis Date: <b>10/29/2014</b> |     | SeqNo: <b>654551</b>                         |             | Units: <b>%REC</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.91                             |     | 1.000  |             | 91.2               | 80       | 120       |      |          |      |

| Sample ID <b>LCS-16122</b>   | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>16122</b>           |     | RunNo: <b>22210</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>10/28/2014</b> | Analysis Date: <b>10/29/2014</b> |     | SeqNo: <b>654552</b>                         |             | Units: <b>%REC</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.95                             |     | 1.000  |             | 95.1               | 80       | 120       |      |          |      |

**Qualifiers:**

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- B Analyte detected in the associated Method Blank
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- RL Reporting Detection Limit

**Sample Log-In Check List**

Client Name: Animas Environmental

Work Order Number: 1410C83

RcptNo: 1

Received by/date: AT 10/29/14

Logged By: Anne Thorne 10/29/2014 7:30:00 AM *Anne Thorne*

Completed By: Anne Thorne 10/29/2014 *Anne Thorne*

Reviewed By: *[Signature]* / AT 10/29/14

**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: \_\_\_\_\_ Date: \_\_\_\_\_  
 By Whom: \_\_\_\_\_ Via:  eMail  Phone  Fax  In Person  
 Regarding: \_\_\_\_\_  
 Client Instructions: \_\_\_\_\_

17. Additional remarks:

**18. Cooler Information**

| Cooler No. | Temp °C | Condition | Seal Intact | Seal No. | Seal Date | Signed By |
|------------|---------|-----------|-------------|----------|-----------|-----------|
| 1          | 1.0     | Good      | Yes         |          |           |           |



**Hall Environmental Analysis Laboratory, Inc.**

CLIENT: Animas Environmental

Client Sample ID: SC-1

Project: CoP Crandell SRC #2

Collection Date: 10/28/2014 11:05:00 AM

Lab ID: 1410C83-001

Matrix: SOIL

Received Date: 10/29/2014 7:30:00 AM

| Analyses                                       | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: BCN |
| Diesel Range Organics (DRO)                    | ND     | 9.9      |      | mg/Kg | 1  | 10/29/2014 12:01:52 PM | 16136        |
| Surr: DNOP                                     | 108    | 63.5-128 |      | %REC  | 1  | 10/29/2014 12:01:52 PM | 16136        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>        |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                  | ND     | 5.0      |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| Surr: BFB                                      | 88.4   | 80-120   |      | %REC  | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| <b>EPA METHOD 8021B: VOLATILES</b>             |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.050    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| Ethylbenzene                                   | ND     | 0.050    |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| Xylenes, Total                                 | ND     | 0.10     |      | mg/Kg | 1  | 10/29/2014 9:48:21 AM  | R22210       |
| Surr: 4-Bromofluorobenzene                     | 91.1   | 80-120   |      | %REC  | 1  | 10/29/2014 9:48:21 AM  | R22210       |

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 Holding times for preservation or analysis exceeded |
| J           | Analyte detected below quantitation limits      | ND Not detected at the Reporting Limit                |
| O           | RSD is greater than 25%                         | N Sample pH greater than 2                            |
| R           | RPD outside accepted recovery limits            | RL Reporting Detection Limit                          |
| S           | Spike Recovery outside accepted recovery limits |   |

**PRELIMINARY**

05  
1





05 1



05 1



05 1



05 1

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

- aw ✓ pc ✓ Below-grade Tank Closure Report from HSE AES  
(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)
- aw ✓ 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) Hall
- aw ✓ 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.
- aw ✓ pc ✓ Don't have Surface Owner Notification -(S:\gsREG\Wells List\Well Name) Saved copy of e-mail you sent
- aw ✓ 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.
- aw ✓ 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.
- aw ✓ pc ✓ Below-grade Tank Closure Report Summary (S:\gs REG\Regulatory Pits (ADM090-12yrs)\New Requirements\BGT Closure Forms\BGT Closure Summary Report Templates\Normal or Without Reclamation
- n/a ✓ C-141 - 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 (If no C-141 is found in the HSE folder and no release occurred based on the sampling results, complete a C-141 form [S:\Regulatory Pits\New Requirements\BGT Closure Forms\C-141 Form]. If the C-141 is in HSE Folder, print it out and attached to packet.

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 AES
5. C-141 Form
6. Sampling Results
7. Pictures

Updated 11/20/14