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                    |

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<br>Proposed Alternative Method Permit or Closure Plan Application  |         |
|--|---------|
| Type of action:<br>Below grade tank registration<br>Permit of a pit or proposed alternative method<br>Closure of a pit, below-grade tank, or proposed alternative method<br>Modification to an existing permit/or registration<br>Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank,<br>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 of ordin  | nances. |
| 1.<br>Operator: Burlington Resources Oil & Gas Company, LP OGRID #: 14538  |         |
| Address: _PO BOX 4289, Farmington, NM 87499  |         |
| Facility or well name: <u>SAN JUAN 30-6 UNIT 10B</u>   |         |
| API Number:  |         |
| U/L or Qtr/Qtr Section Township Range7W County: <u>Rio Arriba</u>  |         |
| Center of Proposed Design: Latitude <u>36.76894</u> $\cdot$ N Longitude <u>-107.60539</u> $\cdot$ W NAD: [1927] 1983   |         |
| Surface Owner: Federal State Private Tribal Trust or Indian Allotment  |         |
|  |         |
| 2.<br><b>Pit:</b> 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: Thicknessmil LLDPE HDPE PVC Other  |         |
| String-Reinforced  |         |
| Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D  |         |
|  |         |
| 3.<br>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: Thicknessmil   |         |
|  |         |
| 4.   |         |
| Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approximation of approximation and the submitted to the Santa Fe Environmental Bureau office for consideration of approximation of approx | wal     |
|  | vai.    |
| s. 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 ( <i>Required if located within 1000 feet of a permanent residence, school, hospital,</i>  |         |
| institution or church)   |         |
| Four foot height, four strands of barbed wire evenly spaced between one and four feet  |         |
| Alternate. Please specify  |         |
|  |         |

| 6.<br>5   |                    |  |  |  |  |  |  |
|---|--------------------|--|--|--|--|--|--|
| Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)  |                    |  |  |  |  |  |  |
| Screen Otter  |                    |  |  |  |  |  |  |
| Monthly inspections (If netting or screening is not physically feasible)  |                    |  |  |  |  |  |  |
|   |                    |  |  |  |  |  |  |
| <ul> <li><u>Signs:</u> Subsection C of 19.15.17.11 NMAC</li> <li>12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</li> <li>Signed in compliance with 19.15.16.8 NMAC</li> </ul>  |                    |  |  |  |  |  |  |
|   |                    |  |  |  |  |  |  |
| <ul> <li><u>Variances and Exceptions</u>: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.</li> <li><i>Please check a box if one or more of the following is requested, if not leave blank:</i> <ul> <li>Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.</li> <li>Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</li> </ul> </li> </ul> |                    |  |  |  |  |  |  |
| <sup>9,</sup><br><u>Siting Criteria (regarding permitting)</u> : 19.15.17.10 NMAC<br><i>Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptate material are provided below.</i> Siting criteria does not apply to drying pads or above-grade tanks.  | ptable source      |  |  |  |  |  |  |
| General siting  |                    |  |  |  |  |  |  |
| Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank  | □ Yes □ No<br>⊠ NA |  |  |  |  |  |  |
| Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.<br>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells   | ☐ Yes ☐ No<br>⊠ NA |  |  |  |  |  |  |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance<br>adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks)<br>- Written confirmation or verification from the municipality; Written approval obtained from the municipality  |                    |  |  |  |  |  |  |
| <ul> <li>Within the area overlying a subsurface mine. (Does not apply to below grade tanks)</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>   | 🗋 Yes 🗌 No         |  |  |  |  |  |  |
| <ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>   | 🗋 Yes 🗌 No         |  |  |  |  |  |  |
| Within a 100-year floodplain. (Does not apply to below grade tanks)<br>- 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).<br>- Topographic map; Visual inspection (certification) of the proposed site  | 🗌 Yes 🛛 No         |  |  |  |  |  |  |
| <ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>  | 🗌 Yes 🛛 No         |  |  |  |  |  |  |
| Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)  |                    |  |  |  |  |  |  |
| <ul> <li>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.)</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>   | 🗋 Yes 🗌 No         |  |  |  |  |  |  |
| <ul> <li>Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>   | 🗋 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.<br>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site   | 🗌 Yes 🗌 No         |  |  |  |  |  |  |

| <ul> <li>Within 100 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>   | Yes No              |  |  |  |  |  |  |  |
|---|---------------------|--|--|--|--|--|--|--|
| Temporary Pit Non-low chloride drilling fluid   |                     |  |  |  |  |  |  |  |
| <ul> <li>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).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>  | 🗌 Yes 🗌 No          |  |  |  |  |  |  |  |
| <ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>  |                     |  |  |  |  |  |  |  |
| 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   | 🗌 Yes 🗌 No          |  |  |  |  |  |  |  |
| <ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>   | 🗌 Yes 🗌 No          |  |  |  |  |  |  |  |
| Permanent Pit or Multi-Well Fluid Management Pit  |                     |  |  |  |  |  |  |  |
| <ul> <li>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).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>   | 🗌 Yes 🗌 No          |  |  |  |  |  |  |  |
| <ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>   |                     |  |  |  |  |  |  |  |
| <ul> <li>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.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>  |                     |  |  |  |  |  |  |  |
| <ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>   | 🗌 Yes 🗌 No          |  |  |  |  |  |  |  |
| 10.         Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N         Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached. <ul> <li>Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC</li> <li>Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC</li> <li>Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.13.17.13 NMAC</li> </ul>    | cuments are<br>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 doc         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.         and 19.15.17.13 NMAC         Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.10 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.         Perimanent 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 ottached.         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         Quality Control/Quality Assurance Construction and Installation Plan         Operating and Maintenance 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 19.15.17.9 NMAC and 19.15.17.13 NMAC | documents are      |  |  |  |  |  |  |
|--|--------------------|--|--|--|--|--|--|
| 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 File         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   | uid Management Pit |  |  |  |  |  |  |
| <ul> <li>Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be a closure plan. Please indicate, by a check mark in the box, that the documents are attached.</li> <li>Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>  | attached to the    |  |  |  |  |  |  |
| 15.<br><u>Siting Criteria (regarding on-site closure methods only)</u> : 19.15.17.10 NMAC<br>Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour<br>provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. P<br>19.15.17.10 NMAC for guidance.   |                    |  |  |  |  |  |  |
| <ul> <li>Ground water is less than 25 feet below the bottom of the buried waste.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>  | ☐ Yes ☐ No<br>☐ 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   | ☐ Yes ☐ No<br>☐ 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   |                    |  |  |  |  |  |  |
| 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   |                    |  |  |  |  |  |  |
| <ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>   |                    |  |  |  |  |  |  |
| <ul> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> <li>Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence<br/>at the time of initial application.</li> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</li> </ul>   |                    |  |  |  |  |  |  |
| Written confirmation or verification from the municipality; Written approval obtained from the municipality  | Yes 🗋 No           |  |  |  |  |  |  |
| Within 300 feet of a wetland.<br>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  | 🗌 Yes 🗌 No         |  |  |  |  |  |  |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance  |                    |  |  |  |  |  |  |
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| 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   | Yes No                     |
|---|----------------------------|
| <ul> <li>Within the area overlying a subsurface mine.</li> <li>Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division</li> </ul>   | 🗌 Yes 🗌 No                 |
| <ul> <li>Within an unstable area.</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>   |                            |
| Within a 100-year floodplain.<br>- FEMA map   | ☐ Yes ☐ No<br>☐ Yes ☐ No   |
| -   |                            |
| <ul> <li>On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.</li> <li>Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannusticable) Solic Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul> | .11 NMAC<br>.15.17.11 NMAC |
| <ul> <li>Operator Application Certification:</li> <li>I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and believed.</li> </ul>   |                            |
| 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:   | 818016                     |
| 19.<br>Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC<br>Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting<br>The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not<br>section of the form until an approved closure plan has been obtained and the closure activities have been completed.<br>Closure Completion Date: 10/25/2016   |                            |
| 20.<br>Closure Method:<br>⊠ Waste Excavation and Removal □ On-Site Closure Method □ Alternative Closure Method □ Waste Removal (Closed-lo<br>□ If different from approved plan, please explain.   | oop systems only)          |
| 21.<br>Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please in   |                            |

# 22.

**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)    | Crystal Walker         | Title:     | Regulatory Coordinator |       |            |   |            |
|-----------------|------------------------|------------|------------------------|-------|------------|---|------------|
| Signature:      | Gotal (                | Val        | tee                    | Date: | 12/10/2016 | • | <u>x 1</u> |
| e-mail address: | crystal.walker@cop.com | Telephone: | (505) 326-9837         |       | ·          |   |            |

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

### Lease Name: San Juan 30-6 Unit 10B API No.: 30-039-26368

# NOTE: The subject well is twinned and currently shares a BGT with the San Juan 30-6 Unit 447S. The original BGT for the subject well was moved and the closure report is below.

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:

 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.

# The below-grade tank referenced above was permitted and closed within 60 days of cessation of the below-grade tanks operation.

 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.

3. 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.

4. 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.

5. BR will test the soils beneath the below-grade tank to determine whether a release has occurred. BR 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.

| 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 300.0                 | 250           |  |  |

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.

 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.

7. 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.

- 8. 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 was not found.

9. 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 was not found.

10. 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.

11. 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 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.

12. 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.

- 13. 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)

.

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office to accordance with 19.15.29 NMAC.

| 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505  |  |  |   |  |                              |  |   |                                     |  |   |                                |                                       |
|---|--|--|---|--|------------------------------|--|---|-------------------------------------|--|---|--------------------------------|---------------------------------------|
| <b>Release Notification and Corrective Action</b>   |  |  |   |  |                              |  |   |                                     |  |   |                                |                                       |
|   |  |  |   |  |                              | <b>OPERA</b> '                                   | ГOR   |                                     | Initia                                     | al Report                                   | $\boxtimes$                    | Final Report                          |
| Name of Company Burlington Resources O&G Company, LP  |  |  |   |  |                              | Contact Cr                                       | ystal Walker  |                                     |  |   |                                |                                       |
|   |  |  |   |  |                              | Telephone 1                                      | No.(505) 326-98   | 337                                 |  |   |                                |                                       |
| Facility Nat  | me: San Ju   | an 30-6 Unit                                       | t 10B   |  |                              | Facility Typ                                     | e: Gas Well   |                                     |  |   |                                |                                       |
| Surface Ow  | ner PRIV   | ATE  |   | Mineral C  | Owner                        | FEDERAL  |   |                                     | API No                                     | . 30-039-2                                  | 26368                          |                                       |
|   |  |  |   | LOCA   | ATIC                         | N OF RE  | LEASE   |                                     |  |   |                                |                                       |
| Unit Letter<br>I  | Section<br>31  | Township<br>30N                                    | Range<br>7W   | Feet from the 2535   | Nort                         | h/South Line<br>South                            | Feet from the 660   |                                     | Vest Line<br>E <b>ast</b>                  | County<br>Rio Arrib                         | a                              |                                       |
|   |  |  | Latitud   | e <u>36.76894</u>  |                              | Longitud   | e107.60539  |                                     |  |   |                                |                                       |
|   |  |  |   | NAT  | URI                          | E OF REL   | EASE  |                                     |  |   |                                |                                       |
| Type of Rele  |  |  |   |  |                              | Volume of  |   |                                     | Volume H                                   |   |                                |                                       |
| Source of Re  | lease  |  |   |  |                              | Date and H                                       | Iour of Occurrence  | e                                   | Date and                                   | Hour of Dis                                 | covery                         | /                                     |
| Was Immedi  | ate Notice (   |  | Yes 🗌   | No 🛛 Not Ro  | equired                      | If YES, To                                       | Whom?   | I                                   |  |   |                                |                                       |
| By Whom?  |  |  |   |  |                              | Date and H                                       | lour  |                                     |  |   |                                |                                       |
| Was a Water   | course Read  |  | Yes 🛛 1   | No   |                              | If YES, Vo                                       | olume Impacting t   | the Wate                            | ercourse.                                  |   |                                |                                       |
| If a Watercourse was Impacted, Describe Fully.*<br>N/A<br>Describe Cause of Problem and Remedial Action Taken.*<br>No release was encountered during the BGT Closure. |  |  |   |  |                              |  |   |                                     |  |   |                                |                                       |
| Describe Area Affected and Cleanup Action Taken.*<br>N/A  |  |  |   |  |                              |  |   |                                     |  |   |                                |                                       |
| regulations a<br>public health<br>should their o<br>or the environ  | ll operators<br>or the environment operations h<br>nment. In a | are required to<br>ronment. The<br>ave failed to a | o report an<br>acceptance<br>adequately<br>OCD accept | e is true and comp<br>nd/or file certain r<br>ce of a C-141 repo<br>v investigate and r<br>otance of a C-141 | elease<br>ort by t<br>emedia | notifications a<br>he NMOCD m<br>ate contaminati | nd perform correct<br>arked as "Final R<br>on that pose a thr | ctive acti<br>eport" d<br>eat to gr | ons for rele<br>oes not reli<br>ound water | eases which<br>eve the open<br>, surface wa | may en<br>rator of<br>iter, hu | ndanger<br>f liability<br>ıman health |
| Signature:  | Pas  | Lal W  | lk  | a  |                              |  | OIL CON   | SERV                                | ATION                                      | DIVISIC                                     | <u>DN</u>                      |                                       |
| Printed Name  | e: Crystal V   | Walker   |   |  |                              | Approved by                                      | Environmental S   | pecialist                           | :  |   |                                |                                       |
| Title: Regula   | atory Coord  | inator   |   |  |                              | Approval Da                                      | te:   | I                                   | Expiration                                 | Date:                                       |                                |                                       |
| E-mail Addre  | 1  | ystal.walker@                                      | cop.com   |  |                              | Conditions of                                    | Approval:   |                                     |  | Attached                                    |                                |                                       |
| Date: 2   | 0/10   | Phone: (505  | 5) 326-983  | 7  |                              |  |   |                                     |  |   |                                |                                       |

\* Attach Additional Sheets If Necessary



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

November 03, 2016

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

RE: COPC San Juan 30-6 Unit 10B

OrderNo.: 1610D10

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/26/2016 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 <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

| <b>Analytical Report</b> |
|--------------------------|
| Lab Order 1610D10        |

Date Reported: 11/3/2016

# Hall Environmental Analysis Laboratory, Inc.

 CLIENT: Animas Environmental
 Client Sample ID: BGT S-1

 Project:
 COPC San Juan 30-6 Unit 10B
 Collection Date: 10/25/2016 1:36:00 PM

 Lab ID:
 1610D10-001
 Matrix: SOIL
 Received Date: 10/26/2016 7:30:00 AM

 Analyses
 Result
 PQL
 Qual
 Units
 DF
 Date Analyzed
 Batch

| EPA METHOD 418.1: TPH              |        |          |       |    | Analyst:               | MAB   |
|------------------------------------|--------|----------|-------|----|------------------------|-------|
| Petroleum Hydrocarbons, TR         | 20     | 19       | mg/Kg | 1  | 11/1/2016 12:00:00 PM  | 28370 |
| EPA METHOD 300.0: ANIONS           |        |          |       |    | Analyst:               | LGT   |
| Chloride                           | ND     | 30       | mg/Kg | 20 | 11/1/2016 7:38:03 PM   | 28393 |
| EPA METHOD 8015M/D: DIESEL RANGE O | RGANIC | s        |       |    | Analyst:               | том   |
| Diesel Range Organics (DRO)        | ND     | 9.9      | mg/Kg | 1  | 10/31/2016 12:59:40 PM | 28349 |
| Motor Oil Range Organics (MRO)     | ND     | 50       | mg/Kg | 1  | 10/31/2016 12:59:40 PM | 28349 |
| Surr: DNOP                         | 90.1   | 70-130   | %Rec  | 1  | 10/31/2016 12:59:40 PM | 28349 |
| EPA METHOD 8015D: GASOLINE RANGE   |        |          |       |    | Analyst:               | NSB   |
| Gasoline Range Organics (GRO)      | ND     | 4.8      | mg/Kg | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| Surr: BFB                          | 85.8   | 68.3-144 | %Rec  | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| EPA METHOD 8021B: VOLATILES        |        |          |       |    | Analyst:               | NSB   |
| Benzene                            | ND     | 0.024    | mg/Kg | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| Toluene                            | ND     | 0.048    | mg/Kg | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| Ethylbenzene                       | ND     | 0.048    | mg/Kg | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| Xylenes, Total                     | ND     | 0.097    | mg/Kg | 1  | 10/28/2016 6:30:08 PM  | 28328 |
| Surr: 4-Bromofluorobenzene         | 97.7   | 80-120   | %Rec  | 1  | 10/28/2016 6:30:08 PM  | 28328 |

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

| Qualifiers: | *  | Value exceeds Maximum Contaminant Level.              | В  | Analyte detected in the associated Method Blank           |
|-------------|----|---|----|---|
|             | D  | Sample Diluted Due to Matrix                          | E  | Value above quantitation range                            |
|             | н  | Holding times for preparation or analysis exceeded    | J  | Analyte detected below quantitation limits Page 1 of 6    |
|             | ND | Not Detected at the Reporting Limit                   | Р  | Sample pH Not In Range                                    |
|             | R  | RPD outside accepted recovery limits                  | RL | Reporting Detection Limit                                 |
|             | S  | % Recovery outside of range due to dilution or matrix | W  | Sample container temperature is out of limit as specified |
|             |    |   |    |   |

Hall Environmental Analysis Laboratory, Inc.

WO#: 1610D10

03-Nov-16

| Client:<br>Project:         |  | as Environmenta<br>C San Juan 30-6 | -                                   |             |  |   |           |          |      |
|-----------------------------|--|------------------------------------|-------------------------------------|-------------|--|---|-----------|----------|------|
|                             | MB-28393<br>PBS<br>11/1/2016             |                                    | e: mblk<br>): 28393<br>e: 11/1/2016 | F           | tCode: <b>EPA Method</b><br>RunNo: <b>38370</b><br>SeqNo: <b>1198745</b> | <b>300.0: Anion</b><br>Units: <b>mg/K</b> |           |          |      |
| Analyte<br>Chloride         | 1,10,10,10,10,10,10,10,10,10,10,10,10,10 | Result F                           | PQL SPK value                       | SPK Ref Val | %REC LowLimit  | HighLimit                                 | %RPD      | RPDLimit | Qual |
| Sample ID I<br>Client ID: I | LCS-28393<br>LCSS                        | SampType<br>Batch ID               | e: Ics<br>): 28393                  |             | tCode: EPA Method<br>RunNo: 38370  | 300.0: Anion                              | S         |          |      |
| Prep Date:<br>Analyte       | 11/1/2016                                |                                    | e: 11/1/2016<br>PQL SPK value       | SPK Ref Val | SeqNo: <b>1198746</b><br>%REC LowLimit                                   | Units: <b>mg/K</b><br>HighLimit           | g<br>%RPD | RPDLimit | Qual |
| Chloride                    |  | 14                                 | 1.5 15.00                           | 0           | 95.0 90  | 110                                       |           | -        |      |

#### Qualifiers:

- Value exceeds Maximum Contaminant Level. \*
- Sample Diluted Due to Matrix D
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RPD outside accepted recovery limits R
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- Sample container temperature is out of limit as specified W

Page 2 of 6

### Hall Environmental Analysis Laboratory, Inc.

|                            | as Environmental<br>C San Juan 30-6 Unit 10B |  |
|----------------------------|--|--|
| Sample ID MB-28370         | SampType: MBLK                               | TestCode: EPA Method 418.1: TPH                        |
| Client ID: PBS             | Batch ID: 28370                              | RunNo: 38368   |
| Prep Date: 10/31/2016      | Analysis Date: 11/1/2016                     | SeqNo: 1197897 Units: mg/Kg                            |
| Analyte                    | Result PQL SPK value                         | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Petroleum Hydrocarbons, TR | ND 20  |  |
| Sample ID LCS-28370        | SampType: LCS                                | TestCode: EPA Method 418.1: TPH                        |
| Client ID: LCSS            | Batch ID: 28370                              | RunNo: 38368   |
| Prep Date: 10/31/2016      | Analysis Date: 11/1/2016                     | SeqNo: 1197898 Units: mg/Kg                            |
| Analyte                    | Result PQL SPK value                         | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Petroleum Hydrocarbons, TR | 110 20 100.0                                 | 0 105 80.7 121   |
| Sample ID LCSD-28370       | SampType: LCSD                               | TestCode: EPA Method 418.1: TPH                        |
| Client ID: LCSS02          | Batch ID: 28370                              | RunNo: 38368   |
| Prep Date: 10/31/2016      | Analysis Date: 11/1/2016                     | SeqNo: 1197899 Units: mg/Kg                            |
| Analyte                    | Result PQL SPK value                         | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Petroleum Hydrocarbons, TR | 110 20 100.0                                 | 0 107 80.7 121 1.28 20                                 |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

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WO#: 1610D10

03-Nov-16

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#: 1610D10

03-Nov-16

|                                | Environmer<br>San Juan 30- |         | 10B       |             |           | ê<br>R    |              | 4 X<br>4<br>2 | 3<br>75    |      |
|--------------------------------|----------------------------|---------|-----------|-------------|-----------|-----------|--------------|---------------|------------|------|
| Sample ID MB-28349             | SampT                      | ype: ME | BLK       | Tes         | tCode: El | PA Method | 8015M/D: Di  | esel Rang     | e Organics |      |
| Client ID: PBS                 | Batch                      | ID: 28  | 349       | F           | RunNo: 3  | 8327      |              |               |            |      |
| Prep Date: 10/28/2016          | Analysis Da                | ate: 10 | /31/2016  | S           | SeqNo: 1  | 196387    | Units: mg/K  | g             |            |      |
| Analyte                        | Result                     | PQL     | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD          | RPDLimit   | Qual |
| Diesel Range Organics (DRO)    | ND                         | 10      |           |             |           |           |              |               |            |      |
| Motor Oil Range Organics (MRO) | ND                         | 50      |           |             |           |           |              |               |            |      |
| Surr: DNOP                     | 8.5                        |         | 10.00     |             | 85.2      | 70        | 130          |               |            |      |
| Sample ID LCS-28349            | SampT                      | pe: LC  | s         | Tes         | tCode: El | PA Method | 8015M/D: Die | esel Range    | e Organics | a    |
| Client ID: LCSS                | Batch                      | ID: 28  | 349       | F           | RunNo: 3  | 8327      |              |               |            |      |
| Prep Date: 10/28/2016          | Analysis Da                | ate: 10 | /31/2016  | 5           | SeqNo: 1  | 196504    | Units: mg/K  | g             |            |      |
| Analyte                        | Result                     | PQL     | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit    | %RPD          | RPDLimit   | Qual |
| Diesel Range Organics (DRO)    | 56                         | 10      | 50.00     | 0           | 112       | 62.6      | 124          |               |            |      |
| Surr: DNOP                     | 4.6                        |         | 5.000     |             | 91.5      | 70        | 130          |               |            |      |

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 4 of 6

### Hall Environmental Analysis Laboratory, Inc.

WO#: 1610D10

03-Nov-16

|                               | Environmen<br>San Juan 30- |         | 10B       |             |          |           |             |            |          |      |
|-------------------------------|----------------------------|---------|-----------|-------------|----------|-----------|-------------|------------|----------|------|
| Sample ID MB-28328            | SampTy                     | ype: ME | BLK       | Tes         | tCode: E | PA Method | 8015D: Gase | oline Rang | e        | 1    |
| Client ID: PBS                | Batch                      | ID: 28  | 328       | F           | RunNo: 3 | 8308      |             |            |          |      |
| Prep Date: 10/27/2016         | Analysis Da                | ate: 10 | 0/28/2016 | 5           | SeqNo: 1 | 195979    | Units: mg/k | (g         |          |      |
| Analyte                       | Result                     | PQL     | SPK value | SPK Ref Val | %REC     | LowLimit  | HighLimit   | %RPD       | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                         | 5.0     |           |             |          |           |             |            |          |      |
| Surr: BFB                     | 880                        |         | 1000      |             | 88.1     | 68.3      | 144         |            |          |      |
| Sample ID LCS-28328           | SampTy                     | ype: LC | S         | Tes         | tCode: E | PA Method | 8015D: Gase | oline Rang | e        | -    |
| Client ID: LCSS               | Batch                      | ID: 28  | 328       | F           | RunNo: 3 | 8308      |             |            |          |      |
| Prep Date: 10/27/2016         | Analysis Da                | ate: 10 | )/28/2016 | 5           | SeqNo: 1 | 195980    | Units: mg/h | (g         |          |      |
| Analyte                       | Result                     | PQL     | SPK value | SPK Ref Val | %REC     | LowLimit  | HighLimit   | %RPD       | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 27                         | 5.0     | 25.00     | 0           | 108      | 74.6      | 123         |            | 4        | ă    |
| Surr: BFB                     | 950                        |         | 1000      |             | 95.1     | 68.3      | 144         |            |          |      |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

Page 5 of 6

P Sample pH Not In Range

### Hall Environmental Analysis Laboratory, Inc.

# Client:Animas EnvironmentalProject:COPC San Juan 30-6 Unit 10B

| Sample ID MB-28328            | SampType: MBLK TestCode: EPA Method 8021B: Volatiles |                              |                             |                       |                      |                          |                         |       |          |      |
|-------------------------------|--|------------------------------|-----------------------------|-----------------------|----------------------|--------------------------|-------------------------|-------|----------|------|
| Client ID: PBS                | Batch  | Batch ID: 28328 RunNo: 38308 |                             |                       |                      |                          |                         |       |          |      |
| Prep Date: 10/27/2016         | Analysis D   | )ate: 10                     | /28/2016                    | S                     | eqNo: 1              | 195993                   | Units: mg/K             | (g    |          |      |
| Analyte                       | Result   | PQL                          | SPK value                   | SPK Ref Val           | %REC                 | LowLimit                 | HighLimit               | %RPD  | RPDLimit | Qual |
| Benzene                       | ND   | 0.025                        |                             |                       |                      |                          |                         |       |          |      |
| Toluene                       | ND   | 0.050                        |                             |                       |                      |                          |                         |       |          |      |
| Ethylbenzene                  | ND   | 0.050                        |                             |                       |                      |                          |                         |       |          |      |
| Xylenes, Total                | ND   | 0.10                         |                             |                       |                      |                          |                         |       |          |      |
| Surr: 4-Bromofluorobenzene    | 1.0  |                              | 1.000                       |                       | 103                  | 80                       | 120                     |       |          |      |
| Sample ID LCS-28328           | SampT  | Type: LC                     | S                           | Test                  | Code: El             | PA Method                | 8021B: Volat            | tiles |          |      |
| Client ID: LCSS               | Batch  | h ID: 28                     | 328                         | R                     | unNo: 3              | 8308                     |                         |       |          |      |
| Prep Date: 10/27/2016         | Analysis D   | ate: 10                      | /28/2016                    | S                     | eqNo: 1              | 195994                   | Units: mg/K             | a     |          |      |
|                               |  |                              | 120/2010                    | -                     | oqiito. I            |                          | orma. myr               | .9    |          |      |
| Analyte                       | Result   | PQL                          |                             | SPK Ref Val           | %REC                 | LowLimit                 | HighLimit               | %RPD  | RPDLimit | Qual |
| Analyte                       | •  |                              |                             |                       | · · ·                |                          | 1.11                    |       | RPDLimit | Qual |
| Analyte<br>Benzene            | Result   | PQL                          | SPK value                   | SPK Ref Val           | %REC                 | LowLimit                 | HighLimit               |       | RPDLimit | Qual |
| Analyte<br>Benzene<br>Foluene | Result<br>0.96                                       | PQL<br>0.025                 | SPK value<br>1.000          | SPK Ref Val<br>0      | %REC<br>96.4         | LowLimit<br>75.2         | HighLimit<br>115        |       | RPDLimit | Qual |
|                               | Result<br>0.96<br>0.98                               | PQL<br>0.025<br>0.050        | SPK value<br>1.000<br>1.000 | SPK Ref Val<br>0<br>0 | %REC<br>96.4<br>97.9 | LowLimit<br>75.2<br>80.7 | HighLimit<br>115<br>112 |       | RPDLimit | Qual |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

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03-Nov-16

1610D10

WO#:

| ENVIRONMENTAL<br>ANALYSIS<br>LABORATORY<br>TEL: 505-345-3   | ntal Analysis Labora<br>4901 Hawkins<br>Albuquerque, NM 87<br>3975 FAX: 505-345-4<br>w.hallenvironmental. | NE<br>109 Sam | ple Log-In Ch                     | eck List                   |
|---|---|---------------|-----------------------------------|----------------------------|
| Client Name: Animas Environmental Work Order Num  | ber: 1610D10  |               | RcptNo: 1                         | e se<br>Transfer<br>Se sel |
| Received by/date: AM 10/2/0   | lie   |               |                                   |                            |
| Logged By: Ashley Gallegos 10/26/2016 7:30:00   | D AM  | A             |                                   |                            |
| Completed By: Ashley Gallegos 10/26/2016 5:54:20  |   | A             |                                   |                            |
| Reviewed By: 10/27/16   |   | - 0           |                                   |                            |
| 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  |   |               |                                   |                            |
|   | Yes 🗹   | No 🗌          |                                   |                            |
| 4. Was an attempt made to cool the samples?   | Yes 💌   |               |                                   |                            |
| 5. Were all samples received at a temperature of >0° C to 6.0°C   | Yes 🗹   | No 🗌          |                                   |                            |
| 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 🗹          |                                   | -                          |
|   | 1   |               | # of preserved<br>bottles checked |                            |
| 12. Does paperwork match bottle labels?   | Yes 🗹   | No 🗌          | for pH:                           |                            |
| (Note discrepancies on chain of custody)  | Yes 🗹   | No 🗆          | (<2 or<br>Adjusted?               | >12 unless noted           |
| 13. Are matrices correctly identified on Chain of Custody?<br>14. is it clear what analyses were requested?   | Yes ⊻<br>Yes  |               |                                   |                            |
| 15. Were all holding times able to be met?  | · Yes 🗹   |               | Checked by:                       |                            |
| (If no, notify customer for authorization.)   |   |               |                                   |                            |
|   |   |               |                                   |                            |
| Special Handling (if applicable)  |   | _             |                                   |                            |
| 16. Was client notified of all discrepancies with this order?   | Yes   | No 🗆          | NA 🗹                              |                            |
| Person Notified: Dat  | e   |               |                                   |                            |
| By Whom: Via  | : 🗌 eMail 🔲 F   | Phone 🗌 Fax   | In Person                         |                            |
| Regarding:  |   |               |                                   |                            |
| Client Instructions:  |   |               |                                   |                            |
| 17. Additional remarks:   |   |               |                                   |                            |
| 18. <u>Cooler Information</u>   | · · · · ·   |               |                                   |                            |
| Cooler No         Temp °C         Condition         Seal Intact         Seal No           1         3.7         Good         Not Present         Image: Seal No | Seal Date   | Signed By     | 1.60 · · · ·                      |                            |
| 1 3.7 Good Not Present  |   | <u>_</u>      |                                   |                            |

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Page 1 of 1

| Client:                | <b>ain-o</b><br>Animas | f-Cus<br>Enviror | tody Record                            | Turn-Around T<br>X Standard<br>Project Name: |   | h                          |              |                 |            | A                 | ALL<br>NAI    | .YS      | IS       | LA       | BC     | R             |         |          |                      |
|------------------------|------------------------|------------------|--|--|---|----------------------------|--------------|-----------------|------------|-------------------|---------------|----------|----------|----------|--------|---------------|---------|----------|----------------------|
| Mailing Ad             | dress:                 | 604 W            | Pinon St.                              | COPC SA                                      | N JUAN 30-                                | 6 Unit 10B                 |              | 49              | 01 H       |                   | ins NE        |          |          |          |        |               | 109     |          |                      |
|                        |                        |                  | gton, NM 87401                         | Project #:                                   |   |                            |              |                 |            |                   | 5-397         |          |          | 505-     |        |               |         |          |                      |
| Phone #:               | 505-564                | -2281            |  |  |   |                            |              |                 |            |                   | P             | nalys    | sis R    | eque     | est    |               |         |          |                      |
| Email or Fa            | ax#:                   | eskyles@         | animasenvironmental.com                | Project Manag                                | jer:                                      |                            |              |                 |            |                   |               |          |          |          |        |               |         |          |                      |
| QA/QC Pac<br>X Standar | VQC Package:           |                  |  | E. Skyles                                    | 107 2                                     |                            |              |                 |            |                   |               | 2<br>1 1 |          |          |        |               |         |          |                      |
| Accreditati            | on:                    | Other            |  | Sampler: CL/S<br>On Ice:                     |   | ⊡ No                       |              |                 |            |                   |               |          |          |          |        |               |         |          |                      |
| EDD (T                 | EDD (Type)             |                  | Sample Temp                            |  |   |                            | +            |                 | o.         |                   |               | 1        |          |          |        |               |         | Z        |                      |
| Date                   | Time                   | Matrix           | Sample Request ID                      | Container<br>Type and #                      | Preservative<br>Type                      |                            | BTEX - 8021B | TPH - EPA 418.1 | TPH - 8015 | Chlorides - 300.0 |               |          |          |          |        |               |         |          | Air Bubbles (Y or N) |
| 10/25/16               | 13:36                  | SOIL             | BGT S-1                                | 1 - 4 oz.                                    | cool                                      | -001                       | х            | x               | X          | x                 |               |          |          |          |        |               |         |          |                      |
|                        |                        |                  |  |  | 1. A. |                            |              |                 |            |                   |               |          |          |          |        |               |         |          |                      |
|                        |                        |                  |  |  |   |                            |              |                 |            |                   |               |          |          |          |        |               |         |          | Π                    |
|                        |                        |                  |  |  |   |                            |              |                 |            |                   |               |          |          |          |        |               |         |          |                      |
|                        |                        |                  |  |  |   |                            |              |                 |            |                   |               |          |          |          |        |               |         |          |                      |
|                        |                        |                  |  |  |   |                            |              |                 |            |                   |               |          |          |          |        |               | _       | _        | ┶                    |
| -                      |                        |                  |  |  |   |                            |              |                 |            |                   | _             | -        |          | -        |        | -             | -       |          | -                    |
|                        |                        |                  |  |  |   |                            |              | _               |            |                   |               | -        | -        |          | 1.1    |               | +       |          | +                    |
|                        |                        |                  |  |  |   |                            |              | -               |            |                   |               | +        | +        |          |        | $\rightarrow$ | +       | +        |                      |
|                        |                        |                  |  |  |   |                            |              |                 |            |                   |               |          | +        | $\vdash$ |        |               | +       |          | +                    |
| Date:                  | Time:<br>UBS           | Relinguish       | ed by:                                 | Received by:                                 | Whete                                     | Dete Time<br>10/25/16 1639 |              | # 2             | 1740       | l to C<br>286     | onoco         | Phillip  |          |          | L I    |               |         |          |                      |
| Date:                  | Time:                  | Relinquish       | ed by:                                 | Received by:                                 |   | Date Time                  | Area         | 1: 5            |            | ۰.                | NCE<br>y Spea | arman    |          | Ca       | ti -   | w]            | Qu      | estin    | h.5                  |
|                        |                        | samples subm     | itted to Hall Environmental may be sul | ocontracted to other a                       |   |                            | this po      | ssibili         | ty. An     | y sub-            | contracte     | d data w | ill be c | learly n | otated | on the        | analyti | cal repo | urt.                 |

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| Photo #1   |  |
|--|--|
| Client:<br>ConocoPhillips                        |  |
| Project Name:<br>San Juan 30-6 Unit<br>10B       |  |
| Rio Arriba County,<br>NM                         |  |
| Date Photo Taken:<br>October 25, 2016            |  |
| BGT GPS and<br>Location:<br>36.76894, -107.60539 |  |
| NE¼ SE¼, Section 31,<br>T30N, R7W                | and the second s |
| Taken by:<br>Corwin Lameman,<br>AES              | Subject: BGT sampling, October 2016<br>Description: Facing E, overview of entire location.   |

| Photo #2   |  |
|--|--|
| Client:<br>ConocoPhillips                        |  |
| Project Name:<br>San Juan 30-6 Unit<br>10B       |  |
| Rio Arriba County,<br>NM                         |  |
| Date Photo Taken:<br>October 25, 2016            |  |
| BGT GPS and<br>Location:<br>36.76894, -107.60539 |  |
| NE¼ SE¼, Section 31,<br>T30N, R7W                |  |
| Taken by:<br>Corwin Lameman,<br>AES              | Subject: BGT sampling, October 2016<br>Description: Facing W, sample location. |