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

State of New Mexico Energy Minerals and Natural Resources 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

Tit, Below Grade Talik, Or	
Proposed Alternative Method Permit or Closure Plan	Application
Type of action: Below grade tank registration	
Permit of a pit or proposed alternative method Closure of a pit below grade task or proposed alternative m	
Closure of a pit, below-grade talk, of proposed alternative in	nethod
☐ 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	permitted pin, cere in grade tamin,
Instructions: Please submit one application (Form C-144) per individual pit, below-grad	le tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in poll environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable government.	
Operator: Burlington Resources OGRID #:14538	
Address: PO BOX 4289, Farmington, NM 87499	OIL CONS. DIV DIST. 3
Facility or well name: Bunny Et Al #1	
API Number: 30-045-06609 OCD Permit Number:	APR 23 2015
U/L or Qtr/Qtr P Section 10 Township 27N Range 9W County:	San Juan
Cantag of Proposed Decimy Letitude 26 59562 aN Langitude 107 77050	_
Surface Owner: ☐ Federal ☐ State ☐ Private ☒ Tribal Trust or Indian Allotmen	JIED XNO 418.1 Please
2.	Correct LAD SA
Pit: Subsection F, G or J of 19.15.17.11 NMAC BY: Cory Smith	As Tardirector
Temporary: Drilling Workover	(505) 334-6178 Ext. 115 By 19, 15, (7)
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A ☐ Multi-Well Fluid Management Low C	hloride Drilling Fluid 🗌 yes 🗎 no
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other	
☐ String-Reinforced	
Liner Seams: Welded Factory Other Volume: bbl Dimension	ns: Lx Wx D
3.	
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 overflo	ow 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 I	Bureau office for consideration of approval.
	and the second s
5. Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade t	tanks)
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a p	
institution or church)	естанет гезичение, зеноон, погрнин,

Alternate. Please specify

Four foot height, four strands of barbed wire evenly spaced between one and four feet

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					
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance. Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	otable 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				
- NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	NA 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	☐ Yes ☒ No				
from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site					
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					
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	☐ Yes ☐ No				
 application. Visual inspection (certification) of the proposed site; Aerial photo; Satellite image 					
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				

Within 100 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Temporary Pit Non-low chloride drilling fluid	
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Permanent Pit or Multi-Well Fluid Management Pit	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
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 do 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 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 Previously Approved Design (attach copy of design) API Number: or Permit Number: or Permit Number:	NMAC 15.17.9 NMAC
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 do 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 19.15.17.9 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:	

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 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 ₂ 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	documents are
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 Flaternative 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	uid Management Pit
14. 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. □ 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	attached to the
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 sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.	
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No
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
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Yes No

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. • Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No					
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No					
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 						
Within a 100-year floodplain.	☐ Yes ☐ No					
- FEMA map	Yes No					
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 19.15.17.13 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						
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 believes	ef.					
Name (Print): Title:						
Signature: Date:						
e-mail address: Telephone:						
OCD Approval: Permit Appl nly) OCD Conditions (see attachment)						
OCD Representative Signature: UENIEU Approval Date:						
Title: D Permit Number:						
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 is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 9/17/20	complete this					
20. Closure Method: Waste Excavation and Removal ☐ On-Site Closure Method ☐ Alternative Closure Method ☐ Waste Removal (Closed-logorithm) ☐ If different from approved plan, please explain.	oop systems only)					
Closure Report Attachment Checklist: _Instructions: Each of the following items must be attached to the closure report. Please in 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)	dicate, by a check					

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: Date: 4/22/15

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 (Without Reclamation)

Lease Name: BUNNY ET AL 1 API No.: 30-045-06609

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 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.

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

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:
 - i. Operator's name
 - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

Notification is missing due to employee turnovers. ConocoPhillips has reviewed our internal processes and has updated them to include the required 72 hour notification.

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. COPC was not aware that the original notification sent at the time of Permitting was not the only closure notification required.

ConocoPhillips 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.

This well's pad was damaged by water erosion from the wash. The well pad will be repaired so that the equipment can be reinstalled and the well can be put back into production. The wash bank will be armored with revetment mats to protect the well pad.

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 will be 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 will be backfilled and more than four feet of cover will be achieved and the cover will 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 regulatory not being notified in a timely manner. Issues over approval jurisdiction between the Navajo Tribe and the BLM have caused delays.



December 11, 2013

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

www.animasenvironmental.com

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

> Durango, Colorado 970-403-3084

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

RE: Below Grade Tank Closure Report

Bunny Et Al #1

San Juan County, New Mexico

Dear Ms. Dumas:

Animas Environmental Services, LLC (AES) is pleased to provide the final report associated with the below grade tank (BGT) closure at ConocoPhillips (CoP) Bunny Et Al #1, located in San Juan County, New Mexico. Tank removal had been completed by CoP contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name – Bunny Et Al #1

Legal Description – SE¼ SE¼, Section 10, T27N, R9W, San Juan County, New Mexico

Well Head Latitude/Longitude – N36.58542 and W107.77088, respectively

BGT Latitude/Longitude – N36.58563 and W107.77059, respectively

Land Jurisdiction – Navajo Nation Allotment

Figure 1. Topographic Site Location Man

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, September 2013

1.2 NMOCD Ranking

The Bunny Et Al #1 is located within the Navajo Nation Allotment. Navajo Nation Environmental Protection Agency (NNEPA) adheres to action levels for releases and spills as established by the New Mexico Oil Conservation Division (NMOCD).

In accordance with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills, and Releases* (August 1993), the location was given a ranking score of 40 based on the following factors:

- Depth to Groundwater: A Pit Remediation and Closure Report form dated June 2004 reported the depth to groundwater as less than 50 feet below ground surface (bgs). (20 points)
- Wellhead Protection Area: The tank location is not within a wellhead protection area. (0 points)
- Distance to Surface Water Body: Hoot Owl Wash is adjacent to the location. The wash in Jacquez Canyon is located approximately and 660 feet south-southeast of the location. (20 points)

1.3 BGT Closure Assessment

AES was initially contacted by Lisa Hunter, CoP representative, on September 17, 2013, and on the same day, Corwin Lameman 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 September 17, 2013, AES personnel conducted field screening and collected five soil samples (S-1 through S-5) and one 5-point composite (SC-1) from below the BGT. Soil samples were collected from approximately 0.5 feet below the former BGT for field screening of volatile organic compounds (VOCs). Soil sample SC-1 was field screened for VOCs and was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

2.1 Field Screening

2.1.1 Volatile Organic Compounds

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

2.2 Laboratory Analyses

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

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per U.S. Environmental Protection Agency (USEPA) Method 8021B;
- 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 1.7 ppm in S-1 up to 3.2 ppm in SC-4. Field screening results are summarized in Table 1 and presented on Figure 2.

Table 1. Soil Field Screening VOC Results
Bunny Ft Al #1 BGT Closure, September 2013

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)
S-1	9/17/13	0.5	1.7
S-2	9/17/13	0.5	1.8
S-3	9/17/13	0.5	2.0
S-4	9/17/13	0.5	3.2
S-5	9/17/13	0.5	2.7
SC-1	9/17/13	0.5	2.4

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.048 mg/kg and 0.24 mg/kg, respectively. TPH concentrations as GRO and DRO were reported at less than 4.8 mg/kg and 10.0 mg/kg, respectively. The laboratory chloride concentration was reported below the laboratory detection limit of 1.5 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. Laboratory analytical reports are attached.

Table 2. Soil Laboratory Analytical Results Bunny Et Al #1 BGT Closure, September 2013

Sample ID	Date Sampled	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH- GRO (mg/kg)	TPH- DRO (mg/kg)	Chlorides (mg/kg)
	Level (NMAC 19.15	13 /	0.2	50		00	250
SC-1	9/17/13	0.5	<0.048	<0.24	<4.8	<10	<1.5

3.0 Conclusions and Recommendations

The Bunny Et Al #1, located within the Navajo Nation Allottment. In accordance NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13E. Laboratory analytical results for TPH (as GRO/DRO) in SC-1 were reported below the NMOCD action level of 100 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. The chloride concentration in SC-1 was below the NMOCD action level of 250 mg/kg. Based on field screening and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work associated with the BGT closure is recommended at Bunny Et Al #1.

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

Sincerely,

Deborah Watson, P.G. Sr. Project Manager

Debruch Water

Elizabeth McNally, P.E.

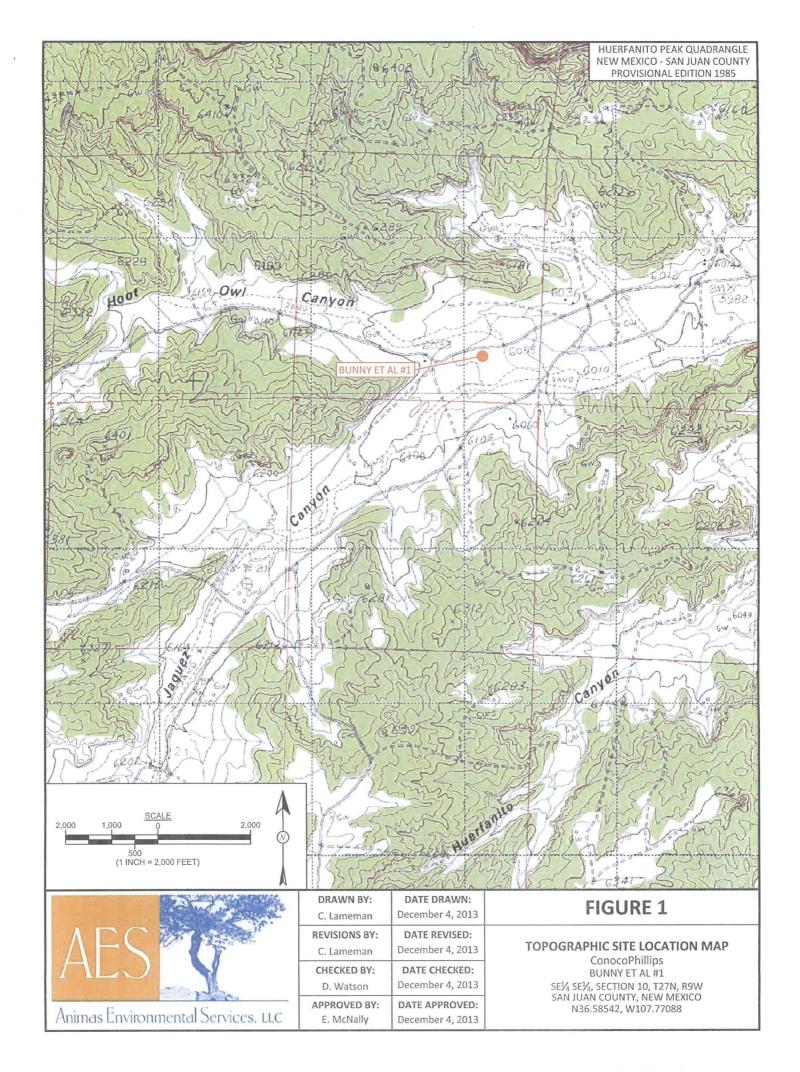
Elizabeth V MeNdly

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, September 2013 Hall Analytical Report 1309739

Lindsay Dumas Bunny Et Al #1 BGT Closure Report December 11, 2013 Page 5 of 5

R:\Animas 2000\Dropbox\2013 Projects\ConocoPhillips\Bunny ET AL #1 Assessment\Bunny Et Al #1 BGT Closure Report 121113.docx





SAMPLE LOCATIONS

Name and Address of the Owner, when the Control of the Owner, where the Control of the Owner, when the Owner, when the Owner, where the Owner, when the Owner, which the	A STATE OF THE PARTY OF THE PAR	Section 19 to the second
Field Scr	reening Resi	ults
Sample ID	Date	OVM- PID (ppm)
NMOCD AC		
S-1	9/17/13	1.7
S-2	9/17/13	1.8
S-3	9/17/13	2.0
S-4	9/17/13	3.2
S-5	9/17/13	2.7
SC-1	9/17/13	2.4
CC 1 IC A F DC	CITE	

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) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg)								
NMOCD ACTION LEVEL		50	10	00	250			
9/17/13	<0.048	<0.24	<4.8	<10	<1.5			
	ON LEVEL	Date Benzene (mg/kg) ON LEVEL 0.2	Date Benzene (mg/kg) Total BTEX (mg/kg) ON LEVEL 0.2 50	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			





	DRAWN BY:	DATE DRAWN: December 4, 2013
	C. Lameman	
	REVISIONS BY:	DATE REVISED:
	C. Lameman	December 4, 2013
	CHECKED BY:	DATE CHECKED:
D. Watson		December 11, 2013
	APPROVED BY:	DATE APPROVED:
	E. McNally	December 11, 2013

AERIAL SITE MAP BELOW GRADE TANK CLOSURE SEPTEMBER 2013

FIGURE 2

ConocoPhillips
BUNNY ET AL #1
SE¼ SE¼, SECTION 10, T27N, R9W
SAN JUAN COUNTY, NEW MEXICO
N36.58542, W107.77088



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

September 25, 2013

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

FAX

RE: COP Bunny ET AL #1

OrderNo.: 1309739

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/18/2013 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1309739

Date Reported: 9/25/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental

Client Sample ID: SC-2 SC-1 DAW

Project: COP Bunny ET AL #1

Collection Date: 9/17/2013 10:52:00 AM

Lab ID: 1309739-001

Matrix: SOIL

Received Date: 9/18/2013 10:00:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst	BCN
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	9/24/2013 5:00:04 PM	9414
Surr: DNOP	91.0	63-147	%REC	1	9/24/2013 5:00:04 PM	9414
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	9/23/2013 12:27:08 PM	9416
Surr: BFB	91.4	80-120	%REC	1	9/23/2013 12:27:08 PM	9416
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.048	mg/Kg	1	9/23/2013 12:27:08 PM	9416
Toluene	ND	0.048	mg/Kg	1	9/23/2013 12:27:08 PM	9416
Ethylbenzene	ND	0.048	mg/Kg	1	9/23/2013 12:27:08 PM	9416
Xylenes, Total	ND	0.096	mg/Kg	1	9/23/2013 12:27:08 PM	9416
Surr: 4-Bromofluorobenzene	98.2	80-120	%REC	1	9/23/2013 12:27:08 PM	9416
EPA METHOD 300.0: ANIONS					Analyst	JRR
Chloride	ND	1.5	mg/Kg	1	9/23/2013 6:17:10 PM	9428

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

Qualifiers:

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

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1309739

25-Sep-13

Client:

Animas Environmental

Project:

COP Bunny ET AL #1

Sample ID MB-9428 SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 9428

RunNo: 13571

Prep Date: 9/23/2013 Analysis Date: 9/23/2013

PQL

SeqNo: 386298

Units: mg/Kg

ND

SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit**

Qual

Analyte Chloride

1.5

Sample ID LCS-9428

SampType: LCS

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 9428

RunNo: 13571

SeaNo: 386299

Units: mg/Kg

110

Prep Date: Analyte

Analysis Date: 9/23/2013 Result

LowLimit

HighLimit

%RPD

Chloride

Client ID:

PQL SPK value SPK Ref Val 1.5 15.00

%REC 94.2

TestCode: EPA Method 300.0: Anions

RPDLimit

Qual

1309742-001BMS Sample ID

BatchQC

9/23/2013

SampType: MS

Batch ID: 9428

PQL

PQL

1.5

1.5

RunNo: 13571

Units: mg/Kg

Prep Date:

9/23/2013

Result

Result

Analysis Date: 9/23/2013

15.00

SegNo: 386340 SPK value SPK Ref Val %REC LowLimit

58.8

%RPD

RPDLimit

Qual

Analyte Chloride

Sample ID 1309742-001BMSD

SampType: MSD

TestCode: EPA Method 300.0: Anions

92.2

RunNo: 13571

LowLimit

58.8

HighLimit

Client ID: Prep Date:

BatchQC 9/23/2013 Batch ID: 9428

Analysis Date: 9/23/2013

15.00

SPK value SPK Ref Val

SeqNo: 386341

%REC

Units: mg/Kg

HighLimit

%RPD

RPDLimit Qual 20

Analyte Chloride

TestCode: EPA Method 300.0: Anions

Client ID:

Sample ID 1309739-001BMS

SC-2

SampType: MS Batch ID: 9428

RunNo: 13571

Prep Date:

9/23/2013

Analysis Date: 9/23/2013

SeqNo: 386347 %REC

109

109

14

Result

88.2

Units: mg/Kg HighLimit

Analyte

PQL 1.5

SPK value SPK Ref Val 0.4749

LowLimit

58.8

%RPD

0.487

RPDLimit Qual

Chloride

9/23/2013

SampType: MSD

TestCode: EPA Method 300.0: Anions

Sample ID

Prep Date:

1309739-001BMSD Client ID: SC-2

Batch ID: 9428

Analysis Date: 9/23/2013

PQL

1.5

RunNo: 13571

SeqNo: 386348

87.9

Units: mg/Kg

Analyte Chloride

14

SPK value SPK Ref Val 15.00

15.00

0.4749

%REC

LowLimit

58.8

HighLimit

%RPD 0.316 **RPDLimit** Qual 20

Qualifiers: Value exceeds Maximum Contaminant Level

Spike Recovery outside accepted recovery limits

Analyte detected below quantitation limits

RSD is greater than RSDlimit 0 RPD outside accepted recovery limits

Value above quantitation range

Holding times for preparation or analysis exceeded Н

ND Not Detected at the Reporting Limit P Sample pH greater than 2 for VOA and TOC only.

Reporting Detection Limit

Analyte detected in the associated Method Blank

Page 2 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1309739

25-Sep-13

Client:

Animas Environmental

Project: COP Bur	nny ET AL #1			
Sample ID MB-9414	SampType: MBLK	TestCode: EPA Method	8015D: Diesel Range (Organics
Client ID: PBS	Batch ID: 9414	RunNo: 13509		
Prep Date: 9/20/2013	Analysis Date: 9/20/2013	SeqNo: 384395	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	7.0 10.00	69.6 63	147	
Sample ID LCS-9414	SampType: LCS	TestCode: EPA Method	8015D: Diesel Range (Organics
Client ID: LCSS	Batch ID: 9414	RunNo: 13510		
Prep Date: 9/20/2013	Analysis Date: 9/20/2013	SeqNo: 384988	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	58 10 50.00	0 116 77.1	128	
Surr: DNOP	5.3 5.000	105 63	147	
Sample ID 1309739-001AMS	SampType: MS	TestCode: EPA Method	8015D: Diesel Range (Organics
Client ID: SC-2	Batch ID: 9414	RunNo: 13566		
Prep Date: 9/20/2013	Analysis Date: 9/24/2013	SeqNo: 386709	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	40 10 49.85	0 79.3 61.3	138	
Surr: DNOP	4.9 4.985	98.7 63	147	
Sample ID 1309739-001AMS	D SampType: MSD	TestCode: EPA Method	8015D: Diesel Range (Organics
Client ID: SC-2	Batch ID: 9414	RunNo: 13566		
Prep Date: 9/20/2013	Analysis Date: 9/24/2013	SeqNo: 386710	Units: mg/Kg	
Analyte		SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	36 10 49.85		138 9.62	20
Surr: DNOP	4.8 4.985	95.5 63	147 0	0

Qualifiers:

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

Page 3 of 5

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1309739

25-Sep-13

Client:

Animas Environmental

Project:

COP Bunny ET AL #1

Sample	· ID	MB-9416

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

Batch ID: 9416

RunNo: 13551

%RPD

Prep Date:

PBS

Units: mg/Kg

Analyte

9/20/2013

Analysis Date: 9/23/2013 PQL

SeqNo: 385515

Result ND SPK value SPK Ref Val %REC HighLimit

120

RPDLimit Qual

Gasoline Range Organics (GRO) Surr: BFB

940

1000

93 5

80

Sample ID LCS-9416

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Prep Date:

9/20/2013

Batch ID: 9416

RunNo: 13551

LowLimit

LowLimit

126

120

Analyte

Analysis Date: 9/23/2013

SPK value SPK Ref Val

SeqNo: 385517 %REC

Units: mg/Kg HighLimit

Gasoline Range Organics (GRO) Surr: BFB

Result PQL 23 5.0

25.00 1000

939.0

0 90.9 104 74.5 80 %RPD **RPDLimit** Qual

Sample ID 1309742-001AMS

SampType: MS

1000

TestCode: EPA Method 8015D: Gasoline Range

Client ID: Prep Date:

BatchQC 9/20/2013 Batch ID: 9416

RunNo: 13551

156

120

Units: mg/Kg

Qual

Analyte

Analysis Date: 9/23/2013 Result

930

21

SeqNo: 385528

LowLimit HighLimit Qual

Gasoline Range Organics (GRO)

PQL SPK value SPK Ref Val 21 23.47

%REC 0 87.8

76 80 %RPD **RPDLimit**

Surr: BFB

Sample ID 1309742-001AMSD

SampType: MSD

TestCode: EPA Method 8015D: Gasoline Range

98.7

LowLimit

Client ID: Prep Date:

BatchQC 9/20/2013 Batch ID: 9416

RunNo: 13551

%REC

Analyte Gasoline Range Organics (GRO) Analysis Date: 9/23/2013 Result PQL

SPK value SPK Ref Val

SeqNo: 385531

Units: mg/Kg HighLimit

%RPD

RPDLimit 177

0

Surr: BFB

23.50 920 939.8

47

0

87.6 98.2 76 80

156 120 0.134

- Qualifiers: Value exceeds Maximum Contaminant Level.
- Value above quantitation range E Analyte detected below quantitation limits
- RSD is greater than RSDlimit 0
- RPD outside accepted recovery limits R Spike Recovery outside accepted recovery limits
- В
- Н Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit ND
- Sample pH greater than 2 for VOA and TOC only.
- Reporting Detection Limit

Analyte detected in the associated Method Blank

Page 4 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1309739

25-Sep-13

Client:

Animas Environmental

Project:	COP Bur	nny ET AL	, #1															
Sample ID	MB-9416 SampType: MBLK TestCode: EPA Method 8021B: Volatiles																	
Client ID:	PBS	Batcl	h ID: 94	16	RunNo: 13551													
Prep Date:	9/20/2013	Analysis [Date: 9/	23/2013	S	SeqNo: 3	85554	Units: mg/Kg										
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual							
Benzene		ND	0.050															
Toluene		ND	0.050															
Ethylbenzene		ND	0.050															
Xylenes, Total		ND	0.10															
Surr: 4-Bron	nofluorobenzene	1.0		1.000		102	80	120										
Sample ID LCS-9416 SampType: LCS TestCode: EPA Method 8021B: Volatiles																		
Client ID:	LCSS	Batcl	h ID: 94	16	, F	RunNo: 1	3551											
Prep Date:	9/20/2013	Analysis [Date: 9/	23/2013	8	SeqNo: 3	85555	Units: mg/F	(g									
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual							
Benzene		0.96	0.050	1.000	0	95.6	80	120										
Toluene		0.96	0.050	1.000	0	95.8	80	120										
Ethylbenzene		0.96	0.050	1.000	0	95.7	80	120										
Xylenes, Total		2.9	0.10	3.000	0	96.3	80	120										
Surr. A-Bron	nofluorobenzene	1.1		1.000		107	80	120										
Juli. 4-Dioli	nondorobonzono			11000			Sample ID 1309739-001AMS SampType: MS TestCode: EPA Method 8021B: Volatiles											
			Гуре: МЅ		Tes				tiles									
	1309739-001AMS	Samp	Гуре: М .S h ID: 94	3			PA Method		tiles									
Sample ID Client ID:	1309739-001AMS	Samp	h ID: 94	16	F	tCode: El	PA Method 3551			,								
Sample ID Client ID:	1309739-001AMS SC-2	Samp1	h ID: 94	3 16 23/2013	F	tCode: ER	PA Method 3551	8021B: Vola		RPDLimit	Qual							
Sample ID Client ID: Prep Date:	1309739-001AMS SC-2	Samp Batcl	h ID: 94	3 16 23/2013	F	tCode: ER RunNo: 1: SeqNo: 3	PA Method 3551 85557	8021B: Vola Units: mg/F	⟨g	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte	1309739-001AMS SC-2	Samp Batch Analysis E	h ID: 94 Date: 9/ PQL	5 16 23/2013 SPK value	SPK Ref Val	tCode: ER RunNo: 1: SeqNo: 3: %REC	PA Method 3551 85557 LowLimit	8021B: Vola Units: mg/F HighLimit	⟨g	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene	1309739-001AMS SC-2	Samp Batcl Analysis E Result 0.79	PQL 0.047	SPK value 0.9381	SPK Ref Val	tCode: ER RunNo: 1: SeqNo: 3: %REC 84.1	PA Method 3551 85557 LowLimit 67.3	8021B: Vola Units: mg/k HighLimit 145	⟨g	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene	1309739-001AMS SC-2 9/20/2013	Samp Batcl Analysis E Result 0.79 0.80	PQL 0.047	SPK value 0.9381 0.9381	SPK Ref Val 0 0.003965	tCode: ER RunNo: 1: SeqNo: 3: %REC 84.1 84.9	PA Method 3551 85557 LowLimit 67.3 66.8	8021B: Vola Units: mg/F HighLimit 145 144	⟨g	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	1309739-001AMS SC-2 9/20/2013	Samp Batcl Analysis E Result 0.79 0.80 0.81	PQL 0.047 0.047 0.047	SPK value 0.9381 0.9381 0.9381	SPK Ref Val 0 0.003965 0	tCode: ER RunNo: 1: SeqNo: 3: %REC 84.1 84.9 86.9	PA Method 3551 85557 LowLimit 67.3 66.8 61.9	8021B: Vola Units: mg/r HighLimit 145 144 153	⟨g	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron	1309739-001AMS SC-2 9/20/2013	Samp T Batcl Analysis E Result 0.79 0.80 0.81 2.5 0.99	PQL 0.047 0.047 0.047	SPK value 0.9381 0.9381 0.9381 2.814 0.9381	SPK Ref Val 0 0.003965 0	**RunNo: 1: SeqNo: 3: **REC **84.1 **84.9 **86.9 **87.4 **105	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80	8021B: Vola Units: mg/k HighLimit 145 144 153 149	(g %RPD	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron	1309739-001AMS SC-2 9/20/2013 nofluorobenzene	Sampin Batcl Analysis E Result 0.79 0.80 0.81 2.5 0.99 D Sampin	PQL 0.047 0.047 0.047 0.047 0.094	SPK value 0.9381 0.9381 0.9381 2.814 0.9381	SPK Ref Val 0 0.003965 0	**RunNo: 1: SeqNo: 3: **REC **84.1 **84.9 **86.9 **87.4 **105	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120	(g %RPD	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID:	1309739-001AMS SC-2 9/20/2013 nofluorobenzene	Sampin Batcl Analysis E Result 0.79 0.80 0.81 2.5 0.99 D Sampin	PQL 0.047 0.047 0.047 0.094 Type: MS	SPK value 0.9381 0.9381 2.814 0.9381	SPK Ref Val 0 0.003965 0 0	tCode: Ef RunNo: 1: SeqNo: 3: %REC 84.1 84.9 86.9 87.4 105	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120	%RPD	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID:	1309739-001AMS SC-2 9/20/2013 nofluorobenzene 1309739-001AMS	Samp Batcl Analysis E Result 0.79 0.80 0.81 2.5 0.99 D Samp Batcl Analysis E Result	PQL 0.047 0.047 0.094 Type: MS h ID: 94	SPK value 0.9381 0.9381 0.9381 2.814 0.9381 6D 16 23/2013 SPK value	SPK Ref Val 0 0.003965 0 0 Tes F	tCode: Eff RunNo: 1: SeqNo: 36 %REC 84.1 84.9 86.9 87.4 105 tCode: Eff RunNo: 1: SeqNo: 36	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method 3551 85561 LowLimit	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120 8021B: Vola Units: mg/k HighLimit	%RPD tiles %RPD	RPDLimit	Qual							
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date:	1309739-001AMS SC-2 9/20/2013 nofluorobenzene 1309739-001AMS	Samp Batcl Analysis I Result 0.79 0.80 0.81 2.5 0.99 D Samp Batcl Analysis I	PQL 0.047 0.094 Type: MS h ID: 94 PQL 0.047 0.094 Type: MS h ID: 94 PQL 0.047	SPK value 0.9381 0.9381 0.9381 2.814 0.9381 6D 16 (23/2013 SPK value 0.9398	SPK Ref Val 0 0.003965 0 0	tCode: Eff RunNo: 1: SeqNo: 3: %REC 84.1 84.9 86.9 87.4 105 tCode: Eff RunNo: 1: SeqNo: 3: %REC 88.7	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method 3551 85561 LowLimit 67.3	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120 8021B: Vola Units: mg/k HighLimit 145	%RPD tiles %RPD 5.53	RPDLimit 20								
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte	1309739-001AMS SC-2 9/20/2013 nofluorobenzene 1309739-001AMS	Samp Batcl Analysis E Result 0.79 0.80 0.81 2.5 0.99 D Samp Batcl Analysis E Result	PQL 0.047 0.094 Type: MS h ID: 94 PQL 0.047 0.094 PQL 0.047 0.094	SPK value 0.9381 0.9381 0.9381 2.814 0.9381 6D 16 23/2013 SPK value 0.9398 0.9398	SPK Ref Val 0 0.003965 0 0 Tes F	**REC 84.1 84.9 86.9 87.4 105 **Code: El RunNo: 1: SeqNo: 3: %REC 88.7 88.6	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method 3551 85561 LowLimit 67.3 66.8	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120 8021B: Vola Units: mg/k HighLimit	(g %RPD tiles (g %RPD 5.53 4.41	RPDLimit 20 20								
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte Benzene	1309739-001AMS SC-2 9/20/2013 nofluorobenzene 1309739-001AMS	Sampin Batci Analysis II Result 0.79 0.80 0.81 2.5 0.99 D Sampin Batci Analysis II Result 0.83 0.84 0.85	PQL 0.047 0.094 Type: MS PQL 0.047 0.047 0.094	SPK value 0.9381 0.9381 0.9381 2.814 0.9381 6D 16 23/2013 SPK value 0.9398 0.9398 0.9398	SPK Ref Val 0 0.003965 0 0 Tes F SPK Ref Val 0	**REC*** **RunNo: 1: **SeqNo: 3: **REC** **84.1 **84.9 **86.9 **87.4 **105** **Code: Eli **RunNo: 1: **SeqNo: 3: ***REC** **88.7 **88.6 **90.3	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method 3551 85561 LowLimit 67.3 66.8 61.9	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120 8021B: Vola Units: mg/k HighLimit 145 144 153	(g %RPD tiles (g %RPD 5.53 4.41 4.02	RPDLimit 20 20 20 20								
Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bron Sample ID Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	1309739-001AMS SC-2 9/20/2013 nofluorobenzene 1309739-001AMS SC-2 9/20/2013	Sampin Batci Analysis E Result 0.79 0.80 0.81 2.5 0.99 D Sampin Batci Analysis E Result 0.83 0.84	PQL 0.047 0.094 Type: MS h ID: 94 PQL 0.047 0.094 PQL 0.047 0.094	SPK value 0.9381 0.9381 0.9381 2.814 0.9381 6D 16 23/2013 SPK value 0.9398 0.9398	SPK Ref Val 0 0.003965 0 0 Tes F SPK Ref Val 0 0.003965	**REC 84.1 84.9 86.9 87.4 105 **Code: El RunNo: 1: SeqNo: 3: %REC 88.7 88.6	PA Method 3551 85557 LowLimit 67.3 66.8 61.9 65.8 80 PA Method 3551 85561 LowLimit 67.3 66.8	8021B: Vola Units: mg/k HighLimit 145 144 153 149 120 8021B: Vola Units: mg/k HighLimit 145 144	(g %RPD tiles (g %RPD 5.53 4.41	RPDLimit 20 20								

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 for VOA and TOC only.
- RL Reporting Detection Limit

Page 5 of 5



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

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

Sample Log-In Check List

Client Name: Animas Environmental Work Order Numb	per: 1309739	,	RcptNo:	1
Received by/date: LM 09/18/13				
Logged By: Anne Thorne 9/18/2013 10:00:00	AM	ame Am		
Completed By: Anne Thorne 9/18/2013		anne Alm		
Reviewed By:				
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			
<u>Log In</u>				
4. Was an attempt made to cool the samples?	Yes 🗸	No 🗆	NA 🗆	
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes 🗹	No 🗆 "	NA 🗆	
6. Sample(s) in proper container(s)?	Yes 🗹	No 🗌		
7. Sufficient sample volume for indicated test(s)?	Yes 🗸	No 🗆		
8. Are samples (except VOA and ONG) properly preserved?	Yes 🗸	No 🗌		
9. Was preservative added to bottles?	Yes	No 🗸	NA \square	
10.VOA vials have zero headspace?	Yes	No 🗌	No VOA Vials	
11. Were any sample containers received broken?	Yes	No 🗹		
		_	# of preserved bottles checked	
12. Does paperwork match bottle labels?	Yes 🗸	No 🗆	for pH:	r >12 unless noted)
(Note discrepancies on chain of custody) 13. Are matrices correctly identified on Chain of Custody?	Yes 🗸	No 🗆	Adjusted?	- Lamboo Hotody
14. Is it clear what analyses were requested?	Yes 🗹	No 🗆		
15. Were all holding times able to be met?	Yes 🗸	No 🗌	Checked by:	
(If no, notify customer for authorization.)		L		
O				
Special Handling (if applicable)	v	м. П	210	
16. Was client notified of all discrepancies with this order?	Yes 🗆	No L	NA 🗸	1
Person Notified: Date	,			
By Whom: Via:	eMail P	hone Fax	In Person	
Regarding:		and the same of th	- Albania	
Client Instructions:				
17. Additional remarks:				
18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No 1 1.4 Good Yes	Seal Date	Signed By		

Chain-of-Custody Record			Turn-Around Time:					HALL ENVIRONMENTAL													
Client: Animas Environmental				✓ Standard □ Rush					ANALYSIS LABORATORY												
	Carr	0.100	117	Project Name:					www.hallenvironmental.com												
Mailing	Address	624	UC E Comanche	Cop Bunny ET AL #1				4901 Hawkins NE - Albuquerque, NM 87109										3			
Farn	lingh	n N	M 87401	Project #:				Tel. 505-345-3975 Fax 505-345-4107													
Phone:	# EHE	564	2281	1				Analysis Request													
email o		001	000	Project Mana	iger:			<u>S</u>	2				(4)								
QA/QC Package:								321	SOF	A		0		SC,	B's						
AVQC Package: ☐ Level 4 (Full Validation)				D. Wat	SON			(8021)	(S) (S)			SIMS)		PO4,	PCB'			7			
Accreditation				Sampler: (. Lamema	an			표	[]	=	_		NO2	8082			Chlorides			9
□ NELAP □ Other				On lice:	TXYes	erno _i		+	+ 6	5 8	904	82	"	03,1	8/8		(A)	0			or
□ EDD	(Type)			Sample Temperature: 1.4					H (3 P	po	0 0	etals	Z	side	F)-i	==			2
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO. 1309139		BTEX +	BTEX + MTBE + TPH (Gas only)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or	RCRA 8 Metals	Anions (F,CI,NO3,NO2,PO4,SO4)	8081 Pesticides /	8260B (VOA)	8270 (Semi-VOA)	300.00			Air Bubbles (Y or N)
9-17-13	1052	Soil	SC-2	2-402		-00		X	_	(X	\top		Ī
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Date: Time: Retinquished by: Pate: Time: Relinquished by: Received by: Date Time Remarks: Bull to ConocoPhillips: Received by: Date: Time: Relinquished by: Received by: Date: Time Wo'. Super Super								redh	4.4	5a.17	unte	V									
[17][3	1	samples sub	mitted to Hall Environmental may be sub	contracted to other a	ccredited laboratoric	9/18/13/10 es. This serves as notice		1100	1,20				rde	redh	4.4	5a.17	unte	V	report.		

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

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

				50	iiia i	C, 14141 073	03							
			Rele	ease Notific	atio	n and Co	orrective A	ction						
						OPERATOR								
Name of Co	mpany B	urlington Re	sources			Contact P	atsy Clugston							
		0 th St., Farm		M 87402			No. 505-326-95	18						
Facility Na						Facility Typ	e Gas Well							
Surface Ow	ner Navaj	o Tribe – Al	lotted	Mineral C	wner	1-149-IND-	8464		API No.	30-045-0	06609			
	,			LOCA	TIO	N OF REI	EASE							
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	Fact/W	est Line		Coun	tv		
P	10	27N	9W	1040	NOIL	South	1190		ast		San Ju			
		I	Latitude	36.5856	2	Longitu	de107.7	7059						
				NAT	URF	OF REL								
Type of Rele	ase BGT C	LOSURE SU	MMARY	11744	CICL		Release N/A		Volume R	ecovered	N	/A		
Source of Re							Iour of Occurrence	e		Hour of Dis				
						N/A								
Was Immedia	ate Notice (Yes [No Not Re	eauired	If YES, To	Whom?							
By Whom?	NI/A					Date and H	Jour N/A							
Was a Water		ched?					olume Impacting t	the Water	course					
was a water	N/A		Yes 🛚	No		N/A	name impacting (ine water	course.					
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.	*										
N/A														
Describe Cau	ise of Probl	em and Reme	dial Action	n Taken.*										
N/A														
N/A														
Describe Are	a Affected	and Cleanup A	Action Tak	ten.*										
DCT CLOSI	IDE, NO D	ELEASE EO	LINID LIDO	N REMOVAL										
BGI CLOSC	KE: NO K	ELEASE FU	UND UPC	ON KEWIOVAL										
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				nd/or file certain r										
				ce of a C-141 reporting the control of the control										
				tance of a C-141										
		ws and/or regu		tance of a C-141	report	does not renev	e the operator or	responsit	inty for co	inpliance v	vitil dil	other		
	\wedge	0	1	/			OIL CON	SERV	ATION	DIVISIO	N			
	1 til	1/2 //	11115				012 001.	2227		21,101				
Signature:	Par	Sy C	mys											
Printed Name	Potev C	lugeton	V			Approved by	Environmental S	pecialist:						
T THREE INAIII	. Talsy C	iugston												
Title: Staff	Regulatory	Technician				Approval Dat	te:	Е	xpiration I	Date:				
E mail Add	og: Deter	I Chuceton	onoonh:	lline com		Conditions	f Annroyal:							
E-man Addre	oss. Palsy.	L.Clugston@o	conocopni	mps.com		Conditions of	Approvat.			Attached				
Date: 4-22-15 Phone: 505-326-9518														