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

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

Form C-144 Revised June 6, 2013

For temporary pits, below-grade tanks, and multi-well fluid management pits, submit to the appropriate NMOCD District Office.

For permanent pits submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

		<u>P</u>	it, Below-Grade	<u> Tank, or</u>	
	Propo	sed Alternative	e Method Permit	or Closure Plan Applica	tion_
14352	•	☐ Below grade tan ☐ Permit of a pit of ☐ Closure of a pit ☐ Modification to	nk registration or proposed alternative r , below-grade tank, or p an existing permit/or re	nethod roposed alternative method gistration	RECEIVED By kcollins at 7:37 am, Mar 01, 2016
	or proposed alte		ily submitted for an exis	ting permitted or non-permitted p	it, below-grade tank,
			tion (Form C-144) per ind	ividual pit, below-grade tank or alter	rnative request
	nat approval of this re	equest does not relieve th	e operator of liability should	operations result in pollution of surfaction of surfaction other applicable governmental authority	e water, ground water or the
Operator: Burl	ington Resources Oi	il & Gas Company, LP	OGRID #:	14538	
	BOX 4289, Farming				
Facility or well n	ame: Huerfano Un	it 112			
API Number: 30	-04505866	OCD	Permit Number:		
U/L or Qtr/Qtr _	_F Section	on <u>17</u> Tow	nship <u>26 N</u> F	tange 10 W County: San	Juan_
Center of Propos	ed Design: Latitude	e36.49118	<u>N</u> Longitude107.92	<u>2250</u> <u>"W</u> NAD: □1927 ⊠	1983
Surface Owner:	⊠ Federal □ State	Private 🗌 Tribal T	rust or Indian Allotment		
2.					
Pit: Subsec	tion F, G or J of 19	2.15.17.11 NMAC			
20-10-10-10-10-10-10-10-10-10-10-10-10-10	Drilling 🔲 Workov				
				nent Low Chloride Drillin	
Lined U	nlined Liner type:	Thicknessmil [☐ LLDPE ☐ HDPE ☐	PVC Other	
☐ String-Reinfo					
Liner Seams:	Welded Factor	ry Other	Volum	e:bbl Dimensions: L x W_	_ x D
3.					
⊠ <u>Below-grade</u>	tank: Subsection	1 of 19.15.17.11 NMA	C		
Volume:	120	bbl Type of fluid: .	Produced Water		
Tank Construction	on material:	Metal			
☐ Secondary c	ontainment with leal	k detection 🛛 Visible	e sidewalls, liner, 6-inch lif	t and automatic overflow shut-off	
☐ Visible sidev	walls and liner 🔲	Visible sidewalls only	☐ Other		
Liner type: Thic	kness 45	mil 🔲 H	IDPE PVC Other	LLDPE	(Company)
^{4.} ☐ <u>Alternative I</u>	Method:				
Submittal of an e	exception request is	required. Exceptions r	nust be submitted to the Sa	nta Fe Environmental Bureau office f	or consideration of approval.
5. Fencing: Subsec	ction D of 19.15.17.	11 NMAC (Applies to p	permanent pits, temporary	pits, and below-grade tanks)	
institution or chu	rch)		at top (Required if located ted between one and four f	within 1000 feet of a permanent resideet	dence, school, hospital,
☐ Alternate. Pl					

6. Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)					
☐ Screen ☐ Netting ☐ Other					
Monthly inspections (If netting or screening is not physically feasible)					
7.					
Signs: Subsection C of 19.15.17.11 NMAC					
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers					
☐ Signed in compliance with 19.15.16.8 NMAC					
8.					
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.					
Please check a box if one or more of the following is requested, if not leave blank:					
Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.					
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					
9. Siting Criteria (regarding permitting): 19.15.17.10 NMAC					
<u>Stung Criteria (regarding perintung)</u> : 19.13.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accep	otable source				
material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.					
General siting					
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.	☐ 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					
from the ordinary high-water mark).	☐ Yes ☒ No				
- Topographic map; Visual inspection (certification) of the proposed site	V 20				
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ⊠ No				
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)					
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No				
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	☐ 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	<u></u>				
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 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:					
11.					
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are inttached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:					

Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the	documents are				
attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H 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					
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 F Alternative Proposed Closure Method: Waste Excavation and Removal Waste Removal (Closed-loop systems only) On-site Closure Method (Only for temporary pits and closed-loop systems) In-place Burial On-site Trench Burial Alternative Closure Method	luid Management Pit				
14. Wests Execution and Democrat Classus Blan Chaptrists (10.15.17.12 NMAC) Instructions. Each of the following items must be	attacked to the				
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. ☐ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC ☐ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC ☐ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) ☐ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC ☐ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC ☐ Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC					
15.					
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. In 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 ☐ 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 ☐ NA				
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No				
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					
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	☐ Yes ☐ No				
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance					

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality						
	☐ Yes ☐ No					
Within the area overlying a subsurface mine Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No					
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map □ Yes □ No						
Within a 100-year floodplain.	50 - 50 - 10 - 10 - 10 - 10 - 10 - 10 -					
- 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 Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC						
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 believed.	ief.					
Name (Print): Title:						
Signature: Date:						
e-mail address: Telephone:						
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) COD Conditions (see attachment)						
OCD Representative Signature: Approval Date: 6/27/2	016					
Compliance Officer						
Title: Compliance Officer OCD Permit Number:						
Title: COMPITANCE OFFICER OCD Permit Number: 19. Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report 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: 6/18/15						
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.	complete this					

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): Larissa Farrell Title: Regulatory Technician					
Signature: Lauria Fanell	Date: 1/21/16				
e-mail address: Larissa.L.Farrell@cop.com Telephone: (505) 326-9504					

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

Lease Name: Huerfano Unit 112

API No.: 30-045-05866

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

General Plan:

1. BR shall close a below-grade tank within 60 days of cessation of operations per Subsection G.4 of 19.15.17.13 NMAC. This will include a) below-grade tanks that do not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC or is not included in Paragraph (5) of Subsection I of 19.15.17.11 NMAC within five years, if not retrofitted to comply with Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC; b) an earlier date that the division requires because of imminent danger to fresh water, public health or the environment. For any closure, BR will file the C144 Closure Report as required.

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

2. 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.

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

Components	Tests Method	Limit (mg/kg)	
Benzene	EPA SW-846 8021B or 8260B	0.2	
BTEX	EPA SW-846 8021B or 8260B	50 100 250	
TPH	EPA SW-846 418.1		
Chlorides	EPA 300.0		

6. 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 is attached.

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 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)

Farrell, Larissa L

From:

Busse, Dollie L

Sent:

Friday, June 05, 2015 9:21 AM

To:

Cory.Smith@state.nm.us; Brandon.Powell@state.nm.us

Cc:

SJBU E-Team; Payne, Wendy F; Journey, Denise D (Denise.Journey@conocophillips.com);

Clugston, Patricia L; Rey, Carlos P.

Subject:

Huerfano Unit 112 (3004505866) - 72 Hour BGT Closure Notification

Subject: 72 Hour BGT Closure Notification

Anticipated Start Date: Thursday, June 11, 2015

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

Well Name:

Huerfano Unit 112

API#:

30-045-05866

Location:

Unit F (SENW), Sec. 17, T26N, R10W

Footages:

1650' FNL & 1650' FWL

Operator:

Burlington Resources

Surface Owner: BLM

Dollie L. Busse Staff Regulatory Technician ConocoPhillips Company 505-324-6104 505-215-3069 Dollie.L.Busse@cop.com

Animas Environmental Services, LLC



July 24, 2015

Lindsay Dumas ConocoPhillips San Juan Business Unit (505) 599-4089

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

RE: Below Grade Tank Closure Report

Huerfano Unit #112

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 (COPC) Huerfano Unit #112, located in San Juan County, New Mexico. Tank removal had been completed by COPC contractors prior to AES' arrival at the location.

1.0 Site Information

1.1 Location

Site Name – Huerfano Unit #112

Legal Description – SE¼ NW¼, Section 17, T26N, R10W, San Juan County, New Mexico Well Latitude/Longitude – N36.49093 and W107.92285, respectively BGT Latitude/Longitude – N36.49118 and W107.92250, respectively Land Jurisdiction – Bureau of Land Management (BLM)

Figure 1. Topographic Site Location Map

Figure 2. Aerial Site Map, June 2015

1.2 Depth to Groundwater Determination (NMAC 19.15.17.13 Table 1)

Prior to site work, the New Mexico Oil Conservation Division (NMOCD) database was reviewed, and a BGT closure plan application (C-144) form dated June 9, 2015 for the Huerfano Unit #112 reported the depth to groundwater as less than 50 feet below

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

> 1911 Main, Ste 280 Durango, CO 81301 970-403-3084

ground surface (bgs). AES personnel further assessed the depth to water determination using topographical interpretation, Global Positioning System (GPS) elevation readings, and visual reconnaissance. AES personnel concluded that depth to groundwater at the site was less than 50 feet bgs.

1.3 BGT Closure Assessment

AES was initially contacted by Lindsay Dumas of COPC on June 8, 2015, and on June 18, 2015, Dylan Davis of AES mobilized to the location. AES personnel collected one five-point soil sample composited from four perimeter samples and one center sample of the BGT footprint from below the BGT liner.

2.0 Soil Sampling

On June 18, 2015, AES personnel conducted field sampling and collected one 5-point composite (SC-1) from below the BGT. Soil was collected from approximately 0.5 feet below the former BGT. Soil sample SC-1 was field screened for volatile organic compounds (VOCs), total petroleum hydrocarbon (TPH), and chloride, and was submitted for confirmation laboratory analysis. Soil sample locations are included on Figure 2.

2.1 Field Sampling

2.1.1 Volatile Organic Compounds

A portion of SC-1 was utilized for field screening of VOC vapors with a photo-ionization detector (PID) organic vapor meter (OVM). Before beginning field screening, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas.

2.1.2 Total Petroleum Hydrocarbons

Soil sample SC-1 was also analyzed in the field for TPH per U.S. Environmental Protection Agency (USEPA) Method 418.1 using a Buck Scientific Model HC-404 Total Hydrocarbon Analyzer Infrared Spectrometer (Buck). A 3-point calibration was completed prior to conducting soil analyses. Field analytical protocol followed AES's Standard Operating Procedure: Field Analysis Total Petroleum Hydrocarbons per EPA Method 418.1.

2.1.3 Chlorides

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

2.2 Laboratory Analyses

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

- Benzene, toluene, ethylbenzene, and xylene (BTEX) per USEPA Method 8021B;
- TPH per USEPA Method 418.1; and
- Chloride per USEPA Method 300.0.

2.3 Field and Laboratory Analytical Results

Field screening readings for VOCs via OVM were measured at 0.0 ppm in SC-1. Field TPH concentrations were reported at 49.3 mg/kg. The field chloride concentration was 40 mg/kg. Field sampling results are summarized in Table 1 and presented on Figure 2. The AES Field Sampling Report is attached.

Table 1. Soil Field VOCs, TPH, and Chloride Results
Huerfano Unit #112 BGT Closure, June 2015

Sample ID	Date Sampled	Depth below BGT (ft)	VOCs OVM Reading (ppm)	Field TPH (mg/kg)	Field Chlorides (mg/kg)
	NMOCD NMAC 19.15.17	Action Level 7.13 Table 1)	×==	100	600
SC-1	6/18/15	0.5	0.0	49.3	40

Laboratory analytical results reported benzene and total BTEX concentrations in SC-1 as less than 0.048 mg/kg and 0.241 mg/kg, respectively. TPH concentrations were reported at 25 mg/kg. The laboratory chloride concentration was reported below the laboratory detection limit of 30 mg/kg. Laboratory analytical results are summarized in Table 2 and included on Figure 2. The laboratory analytical report is attached.

Table 2. Soil Laboratory Analytical Results Huerfano Unit #112 BGT Closure, June 2015

Sample ID	Date Sampled	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH (mg/kg)	Chlorides (mg/kg)
5.5	MOCD Action 9.15.17.13	7	10	50	100	600
SC-1	6/18/15	0.5	<0.048	<0.241	25	<30

3.0 Conclusions and Recommendations

NMOCD action levels for BGT closures are specified in New Mexico Administrative Code (NMAC) 19.15.17.13 Table 1. Field TPH concentrations were below the NMOCD action level of 100 mg/kg, with a concentration reported at 49.3 mg/kg. Laboratory analytical results for TPH in SC-1 were reported below the NMOCD action level of 100 mg/kg. Benzene and total BTEX concentrations were below the NMOCD action levels of 10 mg/kg and 50 mg/kg, respectively. Chloride concentrations in SC-1 were below the NMOCD action level of 600 mg/kg. Based on field sampling and laboratory analytical results for benzene, total BTEX, TPH, and chlorides, no further work is recommended at Huerfano Unit #112.

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

Sincerely,

David J. Reese

Environmental Scientist

David of Reve

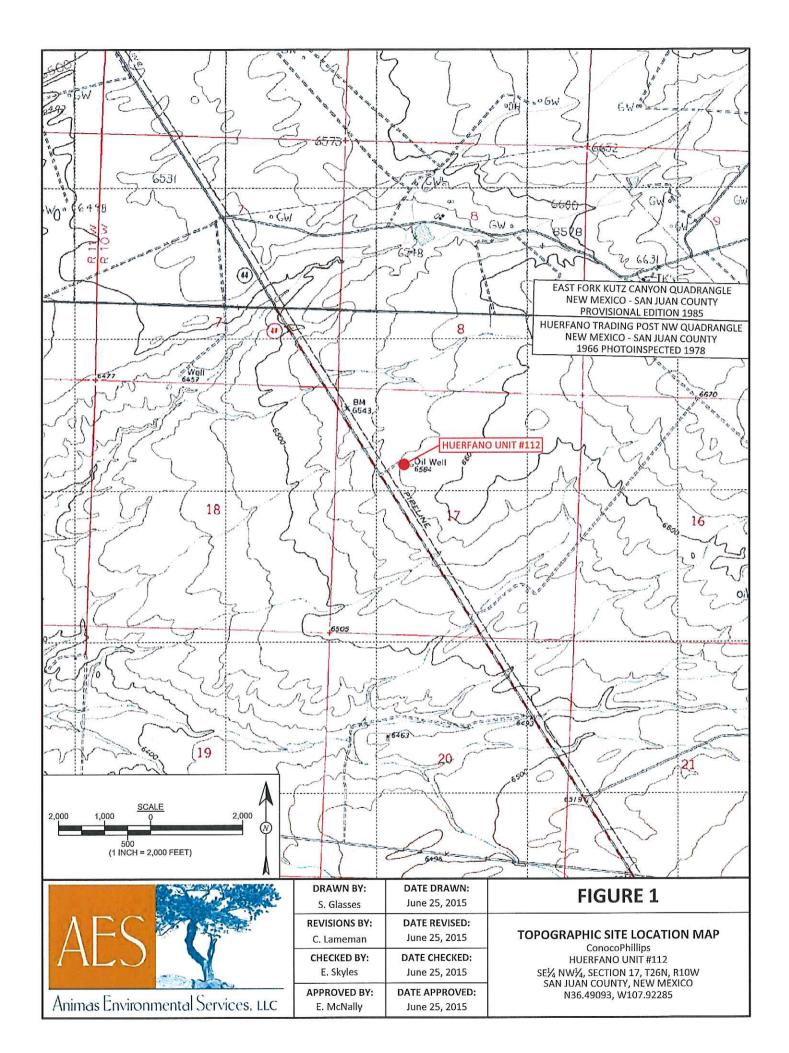
Elizabeth McNally, P.E.

Elizabeth V McNelly

Attachments:

Figure 1. Topographic Site Location Map Figure 2. Aerial Site Map, June 2015 AES Field Sampling Report 061815 Hall Analytical Report 1506A41

C:\Users\eskyles\Dropbox (Animas Environmental)\0000 Animas Server Dropbox EM (1)\2015 Projects\ConocoPhillips\Huerfano 112\Huerfano Unit #112 BGT Closure Report 072415.docx





SAMPLE LOCATIONS

Field Sampling Results						
Sample ID	Date	Depth (ft)	OVM- PID (ppm)	TPH (mg/kg)	Chlorides (mg/kg)	
NMOCD ACTION LEVEL 100 600						
SC-1 6/18/15 0.5 0.0 49.3 40						
SC-1 IS A 5-PC	OINT COMP	OSITE SAN	APLE.			

		Laborator	ry Analytica	ıl Results		
Sample ID	Date	Depth (ft)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH (mg/kg)	Chlorides (mg/kg)
NMOCD ACTION LEVEL			0.2	50	100	600
SC-1	6/18/15	0.5	<0.048	<0.241	25	<30
SAMPLE WAS ANALYZED PER USEPA METHOD 8021B, 418.1 AND 300.0.						





-	DRAWN BY:	DATE DRAWN:
	S. Glasses	June 25, 2015
ĺ	REVISIONS BY:	DATE REVISED:
	C. Lameman	June 25, 2015
ĺ	CHECKED BY:	DATE CHECKED:
	E. Skyles	June 25, 2015
ĺ	APPROVED BY:	DATE APPROVED:
	E. McNally	June 25, 2015

AERIAL SITE MAP BELOW GRADE TANK CLOSURE JUNE 2015

ConocoPhillips HUERFANO UNIT #112 SE½ NW¼, SECTION 17, T26N, R10W SAN JUAN COUNTY, NEW MEXICO N36.49093, W107.92285

AES Field Sampling Report

Animas Environmental Services, LLC



Client: ConocoPhillips

Project Location: Huerfano Unit #112

Date: 6/18/2015

Matrix: Soil

TPH	Allalysts	Initials	QQ
		DF	1
IOG HGT	7	(mg/kg)	20.0
Field TPH	Alldiyala	Time	13:11
*101		(mg/kg)	49.3
Field	כווסוומע	(mg/kg)	40
2/0		(mdd)	0.0
o la ma	Sample	Location	Composite
acito lo	רסווברווסו	Time	12:41
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	רחווברווחוו	Date	6/18/2015
		Sample ID	SC-1

DF Dilution Factor

NA Not Analyzed

PQL Practical Quantitation Limit

*Field TPH concentrations recorded may be below PQL.

Total Petroleum Hydrocarbons - USEPA 418.1 Analyst: Bylon Ban

Field Chloride - Quantab Chloride Titrators or Drop Count

Titration with Silver Nitrate



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

OrderNo.: 1506A41

July 01, 2015

Emilee Skyles Animas Environmental Services 604 Pinon Street Farmington, NM 87401

TEL: (505) 564-2281 FAX (505) 324-2022

RE: Conoco Phillips Huerfano 112

Dear Emilee Skyles:

Hall Environmental Analysis Laboratory received 1 sample(s) on 6/23/2015 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

Onlyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1506A41

Date Reported: 7/1/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services

Project: Conoco Phillips Huerfano 112

Lab ID: 1506A41-001

Client Sample ID: SC-1

Collection Date: 6/19/2015 12:41:00 PM

Received Date: 6/23/2015 6:58:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed	Batch
EPA METHOD 418.1: TPH					Analysi	: TOM
Petroleum Hydrocarbons, TR	25	20	mg/Kg	1	6/26/2015	19942
EPA METHOD 300.0: ANIONS					Analyst	: LGT
Chloride	ND	30	mg/Kg	20	6/26/2015 5:38:45 PM	19973
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.048	mg/Kg	1	6/26/2015 1:39:13 PM	19911
Toluene	ND	0.048	mg/Kg	1	6/26/2015 1:39:13 PM	19911
Ethylbenzene	ND	0.048	mg/Kg	1	6/26/2015 1:39:13 PM	19911
Xylenes, Total	ND	0.097	mg/Kg	1	6/26/2015 1:39:13 PM	19911
Surr: 4-Bromofluorobenzene	87.8	80-120	%REC	1	6/26/2015 1:39:13 PM	19911

Matrix: SOIL

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 4

- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1506A41 01-Jul-15

Client:

Animas Environmental Services

Project:

Conoco Phillips Huerfano 112

ND

Sample ID MB-19973

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 19973

RunNo: 27162

Prep Date: 6/26/2015 Analysis Date: 6/26/2015

SeqNo: 812729

Units: mg/Kg HighLimit

Analyte

Result

PQL

RPDLimit

Qual

Chloride

SampType: LCS Batch ID: 19973

PQL

1.5

TestCode: EPA Method 300.0: Anions

RunNo: 27162

Units: mg/Kg

Prep Date: 6/26/2015

Sample ID LCS-19973

LCSS

Analysis Date: 6/26/2015

SeqNo: 812730

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD **RPDLimit** Qual

Analyte

Client ID:

Result

%REC 93.9

90

LowLimit

14

110

%RPD

Chloride

15.00

SPK value SPK Ref Val

Qualifiers:

S

Value exceeds Maximum Contaminant Level.

Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected below quantitation limits

RSD is greater than RSDlimit 0

R RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Η Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit

P Sample pH Not In Range

Reporting Detection Limit

Page 2 of 4

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#:

1506A41

01-Jul-15

Client:

Animas Environmental Services

Project:

Analyte

Conoco Phillips Huerfano 112

Sample ID MB-19942

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID: **PBS**

Batch ID: 19942

RunNo: 27121

Prep Date:

6/25/2015

Analysis Date: 6/26/2015 POL

SeqNo: 811084

Units: mg/Kg

RPDLimit

Qual

Petroleum Hydrocarbons, TR

ND

SPK value SPK Ref Val %REC LowLimit

HighLimit

%RPD

Sample ID LCS-19942

SampType: LCS

Result

PQL

20

20

20

RunNo: 27121

Client ID:

LCSS

Batch ID: 19942

Units: mg/Kg

Prep Date: 6/25/2015 Analysis Date: 6/26/2015

SeqNo: 811085

%RPD

Analyte

Result

SPK value SPK Ref Val

%REC 91.9

86.7

HighLimit

RPDLimit

Qual

Petroleum Hydrocarbons, TR

92

92

100.0

TestCode: EPA Method 418.1: TPH

LowLimit

TestCode: EPA Method 418.1: TPH

126

Client ID:

Prep Date:

Sample ID LCSD-19942 LCSS02

SampType: LCSD Batch ID: 19942

RunNo: 27121 SeqNo: 811086

Units: mg/Kg

Qual

Analyte

6/25/2015 Analysis Date: 6/26/2015 Result

PQL

SPK value SPK Ref Val 0

%REC 91.9 LowLimit

HighLimit

%RPD 0

RPDLimit

Petroleum Hydrocarbons, TR

100.0

86.7

126

20

Qualifiers:

Value exceeds Maximum Contaminant Level.

Spike Recovery outside accepted recovery limits

Value above quantitation range E

J Analyte detected below quantitation limits

RSD is greater than RSDlimit 0

RPD outside accepted recovery limits R

Analyte detected in the associated Method Blank Η Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

P Sample pH Not In Range

RL Reporting Detection Limit

Page 3 of 4

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1506A41

01-Jul-15

Client: Project:

Toluene

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Animas Environmental Services Conoco Phillips Huerfano 112

1.0

1.1

3.2

0.90

0.050

0.050

0.10

1.000

1.000

3.000

1.000

Sample ID MB-19911	SampT	уре: МЕ	BLK	Tes									
Client ID: PBS	Batch	1D: 19	911	RunNo: 27129									
Prep Date: 6/24/2015	Analysis D	ate: 6/	26/2015	S	SeqNo: 8	11428	Units: mg/K	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	ND	0.050											
Toluene	ND	0.050											
Ethylbenzene	ND	0.050											
Xylenes, Total	ND	0.10											
Surr: 4-Bromofluorobenzene	0.88		1.000		87.5	80	120		20 0				
Sample ID LCS-19911	SampT	ype: LC	s	TestCode: EPA Method 8021B: Volatiles									
Client ID: LCSS	Batch	1D: 19	911	F	RunNo: 2	7129							
Prep Date: 6/24/2015	Analysis D	ate: 6/	26/2015	S	SeqNo: 8	11429	Units: mg/K	g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	1.0	0.050	1.000	0	104	76.6	128						

Sample ID 1506A41-001AM	Samp	Гуре: М	3	TestCode: EPA Method 8021B: Volatiles									
Client ID: SC-1	Batc	h ID: 19	911	F									
Prep Date: 6/24/2015	Analysis [Date: 6/	26/2015	S	SeqNo: 8	11431	Units: mg/h						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	1.0	0.049	0.9814	0	103	69.2	126						
Toluene	1.0	0.049	0.9814	0.009440	101	65.6	128						
Ethylbenzene	1.0	0.049	0.9814	0	106	65.5	138						
Xylenes, Total	3.1	3.1 0.098 2.944		0 105 63		63	139						
Surr: 4-Bromofluorobenzene	0.94		0.9814		95.6	80	120						

0

0

0

104

107

106

90.3

75

79.5

78.8

80

124

126

124

120

Sample ID 1506A41-001AM	ISD SampT	ype: MS	SD	TestCode: EPA Method 8021B: Volatiles									
Client ID: SC-1	Batch	ID: 19	911	F									
Prep Date: 6/24/2015	Analysis D	ate: 6/	26/2015	S	SeqNo: 8	11432	Units: mg/K	(g					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.98	0.049	0.9794	0	100	69.2	126	3.35	18.5				
Toluene	0.95	0.049	0.9794	0.009440	95.7	65.6	128	5.91	20.6				
Ethylbenzene	0.99	0.049	0.9794	0	102	65.5	138	4.40	20.1				
Xylenes, Total	3.0	0.098	2.938	0	101	63	139	3.74	21.1				
Surr: 4-Bromofluorobenzene	0.91		0.9794		92.8	80	120	0	0				

Qualifiers:

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

Page 4 of 4



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

RcptNo: 1 Work Order Number: 1506A41 Client Name: Animas Environmental Received by/date: L M 06/23/15 6/23/2015 6:58:00 AM Logged By: Joe Archuleta 6/23/2015 10:51:21 AM **Ashley Gallegos** Completed By: 06/24/15 Reviewed By: Chain of Custody Not Present No [.] Yes 1. Custody seals intact on sample bottles? No 🗆 Not Present Yes 🧳 2. Is Chain of Custody complete? Courier 3. How was the sample delivered? Log In NA L. No 🗀 4. Was an attempt made to cool the samples? NA [] No ["] Were all samples received at a temperature of >0° C to 6.0°C No [] Sample(s) in proper container(s)? 7. Sufficient sample volume for indicated test(s)? 8. Are samples (except VOA and ONG) properly preserved? NA [] No 🐼 Yes 9. Was preservative added to bottles? No VOA Vials No \square 10. VOA vials have zero headspace? No 🐼 11. Were any sample containers received broken? # of preserved bottles checked No 🗌 for pH: 12. Does paperwork match bottle labels? (<2 or >12 unless noted) (Note discrepancies on chain of custody) Adjusted? No 🗌 13. Are matrices correctly identified on Chain of Custody? 14. Is it clear what analyses were requested? Checked by: No 🗀 15. Were all holding times able to be met? (If no, notify customer for authorization.) Special Handling (if applicable) No [... NA Yes 🗌 16. Was client notified of all discrepancies with this order? Date Person Notified: eMail Phone Fax In Person Via: By Whom: Regarding: Client Instructions: 17. Additional remarks: 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 2.8 Good

HALL ENVIRONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	5-3975 Fax 505-345-4107	Analysis Request	0.	921	0.0 0.0 0.0 0.0 0.0	± 2000 120	W d	Salinity Radioactivity - Dissolved C Chlorides - Major Catlons Alkallnity - 5 BTEX - 802 TPH - (Metl	× ×						Remarks: Activity Code - T110 WO#: 10375633 User: KGARCIA Work Ordered By: Lindsay Dumas Supervisor: Carlos Rey			
			4901 Haw	Tel. 505-345-3975					۵' ـ	0†9	Specific Co TSS - SM 2 Sulfide A45	-			8			rarks: Activ			550
		Z.				50,					Arsenic - El										
Tum-Around Time:	Standarc Rush	Project Name:	noco Phillips Huerfano 112	Project #:		Project Manager: Emilee Skyles		Sampler: Dylan Davis		Sample Temperature: 7, S	Container Preservative FIEAE No. Type and # Type	1-40z Cool00/						Received by: Date Time	<u>ا</u>	eceived by: Date Time	1 No 1315 0458
Chain-of-Custody Record		Pr		- L		Email or Fax#: Eskyles@animasenvironmental.com	□ Level 4 (Full Validation)		(0)		Sample Request ID	SC-1					•	70/	3		Matrilloller
-Cust	onmental		W Pinon	150	281	es@anim			□ Other_		Matrix	Soil					(Relinquished by:	7	Relinquished by:	=
ain-of	nas Envir		ress: 604	NM 874	15-564-22	x#: Eskyl	age:	, ;		(be)	Time	1241						Time:	1726	Time:	1310
Ü	Slient: Animas Environmental Services	1	Mailing Address: 604 W Pinon St	Parmington NM 87401	2hone #: 505-564-2281	Email or Fa	AA/QC Package:	Accreditation:	□ NELAP	□ EDD (Type)	Date	6/19/15						Date:	le Dalis	Date:	sifely

