<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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.
Type of action: Below gr Permit of 45-32430 Closure of Modifica Closure p or proposed alternative method	a pit or proposed alternative method of a pit, below-grade tank, or proposed alternati tion to an existing permit/or registration blan only submitted for an existing permitted or application (Form C-144) per individual pit, below- elieve the operator of liability should operations result in	NOV 07 2014 non-permitted pit, below-grade tank, grade tank or alternative request
I.         Operator: BP America Production Company_         Address:200 Energy Court, Farmington, N         Facility or well name:Riddle I 1S         API Number:3004532430         U/L or Qtr/QtrFSection20         Center of Proposed Design: Latitude36.648         Owner: ⊠ Federal □ State □ Private □ Tribal Tr	M 87401 OCD Permit Number: Township28N Range8W C 62 Longitude107.70789	County:San Juan
<ul> <li>2.</li> <li>Pit: Subsection F, G or J of 19.15.17.11 NMAGE</li> <li>Temporary: Drilling Workover</li> <li>Permanent Emergency Cavitation P&amp;</li> <li>Lined Unlined Liner type: Thickness</li> <li>String-Reinforced</li> <li>Liner Seams: Welded Factory Other</li> </ul>	A 🗌 Multi-Well Fluid Management Lo mil 🔲 LLDPE 🗌 HDPE 🗌 PVC 🗍 Oth	
<ul> <li>3.</li> <li>Below-grade tank: Subsection I of 19.15.17.11</li> <li>Volume:95.0bbl Type of Tank Construction material:Steel</li> <li>Gecondary containment with leak detection []</li> <li>Visible sidewalls and liner [] Visible sidewall</li> <li>Liner type: Thicknessmil []</li> <li>4.</li> <li>Alternative Method:</li> </ul>	f fluid:Produced water Visible sidewalls, liner, 6-inch lift and automatic ov s only 🛛 Other _Double walled/double bott	erflow shut-off omed; side walls not visible

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

<ul> <li>Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)</li> <li>Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)</li> <li>Four foot height, four strands of barbed wire evenly spaced between one and four feet</li> <li>Alternate. Please specify</li></ul>	hospital,
<ul> <li>6. <u>Netting</u>: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)</li> <li>Screen Netting Other</li> <li>Monthly inspections (If netting or screening is not physically feasible)</li> </ul>	
<ul> <li><u>Signs:</u> Subsection C of 19.15.17.11 NMAC</li> <li>12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers</li> <li>Signed in compliance with 19.15.16.8 NMAC</li> </ul>	
<ul> <li><u>Variances and Exceptions</u>:         Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.     </li> <li><i>Please check a box if one or more of the following is requested, if not leave blank:</i>         Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.     </li> <li>Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.</li> </ul>	
<sup>9.</sup> 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.	ptable source
General siting	
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. -	□ Yes □ No □ 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
<ul> <li>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)</li> <li>Written confirmation or verification from the municipality; Written approval obtained from the municipality</li> </ul>	🗌 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
<ul> <li>Within an unstable area. (Does not apply to below grade tanks)</li> <li>Engineering measures incorporated into the design; NM Bureau of Geology &amp; Mineral Resources; USGS; NM Geological Society; Topographic map</li> </ul>	🗋 Yes 🗌 No
Within a 100-year floodplain. (Does not apply to below grade tanks) - FEMA map	🗌 Yes 🗍 No
Below Grade Tanks	
<ul> <li>Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗍 No
<ul> <li>Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;.</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗋 Yes 🗍 No
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	
<ul> <li>Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.)</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	Yes No
<ul> <li>application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	
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
<ul> <li>Within 100 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗍 Yes 🗌 No
Temporary Pit Non-low chloride drilling fluid	
<ul> <li>Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	
	Yes No
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗍 No
<ul> <li>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;</li> <li>NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗍 No
<ul> <li>Within 300 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
Permanent Pit or Multi-Well Fluid Management Pit	
<ul> <li>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	Yes No
- Topographic map, Visual inspection (certification) of the proposed site	
<ul> <li>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗋 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
<ul> <li>Within 500 feet of a wetland.</li> <li>US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗍 No
<ul> <li>10.</li> <li>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 dot attached.</li> <li>Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC</li> <li>Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC</li> <li>Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC</li> </ul>	cuments are NMAC 15.17.9 NMAC
Previously Approved Design (attach copy of design) API Number: or Permit Number:	
II.         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 dot 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: _	·······

12.	
<ul> <li>Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC</li> <li>Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the attached.</li> <li>Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Climatological Factors Assessment</li> <li>Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Quality Control/Quality Assurance Construction and Installation Plan</li> <li>Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC</li> <li>Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan</li> <li>Oil Field Waste Stream Characterization</li> <li>Monitoring and Inspection Plan</li> <li>Erosion Control Plan</li> <li>Closure Plan - based upon the appropriate requirements of 19.15.17.9 NMAC and 19.15.17.13 NMAC</li> </ul>	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 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
<ul> <li>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.</li> <li>Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)</li> <li>Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>	
<sup>15.</sup> 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.	
<ul> <li>Ground water is less than 25 feet below the bottom of the buried waste.</li> <li>NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells</li> </ul>	□ Yes □ No □ 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 ☐ NA
<ul> <li>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).</li> <li>Topographic map; Visual inspection (certification) of the proposed site</li> </ul>	🗌 Yes 🗌 No
<ul> <li>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</li> <li>Visual inspection (certification) of the proposed site; Aerial photo; Satellite image</li> </ul>	🗌 Yes 🗌 No
<ul> <li>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.</li> <li>NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site</li> </ul>	🗌 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	

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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
<ul> <li>16.</li> <li>On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure play a check mark in the box, that the documents are attached.</li> <li>Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC</li> <li>Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.13 NMAC</li> <li>Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19. 15.17.13 NMAC</li> <li>Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Maste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC</li> <li>Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannel Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> <li>Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC</li> </ul>	11 NMAC 15.17.11 NMAC
17. Operator Application Certification:	
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and beli	ef.
Name (Print):          Title:	
Signature: Date:	
e-mail address: Telephone:	
18.       OCD Approval:       Permit Application (including closure plan)       Closure Plan (only)       OCD Conditions (see attachment)         OCD Representative Signature:       State       11/19/2         Title:       Compliance       OCD Permit Number:	2014
<sup>19.</sup> <u>Closure Report (required within 60 days of closure completion)</u> : 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:4/30/2013	
<ul> <li>20.</li> <li><u>Closure Method</u>:</li> <li>Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loo If different from approved plan, please explain.</li> </ul>	op systems only)
<ul> <li>21.</li> <li>Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please intermark in the box, that the documents are attached.</li> <li>Proof of Closure Notice (surface owner and division)</li> <li>Proof of Deed Notice (required for on-site closure for private land only)</li> <li>Plot Plan (for on-site closures and temporary pits)</li> <li>Confirmation Sampling Analytical Results (if applicable)</li> <li>Waste Material Sampling Analytical Results (required for on-site closure)</li> <li>Disposal Facility Name and Permit Number</li> <li>Soil Backfilling and Cover Installation</li> <li>Re-vegetation Application Rates and Seeding Technique</li> <li>Site Reclamation (Photo Documentation)</li> </ul>	licate, by a check

#### 22. Operator Closure Certification:

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

Name (Print):Jeff Peace	Title: Field Environmental Coordinator
Signature: Jff Peace	Date:November 5, 2014
e-mail address:peace.jeffrey@bp.com	Telephone:(505) 326-9479

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## BP AMERICA PRODUCTION COMPANY SAN JUAN BASIN, NORTHWEST NEW MEXICO

#### BELOW-GRADE TANK CLOSURE PLAN

#### <u>Riddle I 1S</u> <u>API No. 3004532430</u> <u>Unit Letter F, Section 20, T28N, R8W</u>

This plan will address the standard protocols and procedures for closure of below-grade tanks (BGTs) on BP America Production Company (BP) well sites. As stipulated in Paragraph A of 19.15.17.13 NMAC, BP shall close a BGT within the time periods provided in 19.15.17.13 NMAC, or by an earlier date that the New Mexico Oil Conservation Division (NMOCD) requires because of imminent danger to fresh water, public health, safety or the environment. If deviations from this plan are necessary, any specific changes will be included on form C-144 and approved by the NMOCD. BP shall close an existing BGT that does 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 after June 16, 2008, if not retrofit with a BGT that complies with the BP NMOCD approved BGT design attached to the BP Design and Construction Plan. BP shall close an existing BGT that does not meet the requirements of Paragraphs (1) through (4) of Subsection I of 19.15.17.11 NMAC, if not previously retrofitted to comply with the BP NMOCD approve BGT Design attached to the BP Design and Construction Plan, prior to any sale or change in operator pursuant to 19.15.9.9 NMAC. BP shall close the permitted BGT within 60 days of cessation of the BGTs operation or as required by the transitional provisions of Subsection B, D, or E of 19.15.17.17 NMAC.

#### General Closure Plan

- BP shall notify the surface owner by certified mail that it plans to close a BGT. Evidence of mailing of the notice to the address of the surface owner shown in the county tax records demonstrates compliance with this requirement. No notice was made due to misunderstanding of the notice requirements. Closure notices will be made for all BGT closures from this point forward.
- 2. BP shall notify the division District III office verbally or by other means at least 72 hours, but not more than one (1) week, prior to any closure operation. The notice shall include the operator's name, and the location to be closed by unit letter, section, township and range. If the BGT closure is associated with a particular well, then the notice shall also include the well's name, number and API number.

# No notice was made due to misunderstanding of the notice requirements. Closure notices will be made for all BGT closures from this point forward.

- 3. BP shall remove liquids and sludge from the BGT prior to implementing a closure method and dispose of the liquids and sludge in a NMOCD's division-approved facility. The facilities to be used are:
  - a. BP Crouch Mesa Landfarm, Permit NM-02-003 (Solids)
  - b. JFJ Landfarm, Permit NM-01-010(B) (Solids and Sludge)

- c. Basin Disposal, Permit NM-01-0005 (Liquids)
- d. Envirotech Inc Soil Remediation Facility, Permit NM-01-0011 (Solids and Sludge)
- e. BP Operated E.E. Elliott SWD #1, API 30-045-27799 (Liquids)
- f. BP Operated 13 GCU SWD #1, API 30-045-28601 (Liquids)
- g. BP Operated GCU 259 SWD, API 30-045-20006 (Liquids)
- h. BP Operated GCU 306 SWD, API 30-045-24286 (Liquids)
- i. BP Operated GCU 307 SWD, API 30-045-24248 (Liquids)
- j. BP Operated GCU 328 SWD, API 30-045-24735 (Liquids)
- k. BP Operated Pritchard SWD #1, API 30-045-28351 (Liquids)

# All liquids and sludge in the BGT were removed and sent to one of the above NMOCD approved facilities for disposal.

4. BP shall remove the BGT and dispose of it in a NMOCD approved facility or recycle, reuse, or reclaim it in a manner that the NMOCD approves. If a liner is present and must be disposed of it will be cleaned by scraping any soils or other attached materials on the liner to a de minimus amount and disposed at a permitted solid waste facility, pursuant to Subparagraph (m) of Paragraph (1) of Subsection C of 19.15.35.8 NMAC. Documentation as to the final disposition of the removed BGT will be provided in the final closure report.

### The BGT was transported to a storage area for sale and re-use.

5. BP shall remove any on-site equipment associated with a BGT unless the equipment is required for well production.

### All equipment associated with the BGT has been removed.

6. BP shall test the soils beneath the BGT to determine whether a release has occurred. BP shall collect at a minimum: a five (5) point composite sample and individual grab samples from any area that is wet, discolored or showing other evidence of a release and analyze for BTEX, TPH and chlorides. The testing methods for those constituents are as follows;

Constituents	Testing Method	Release Verification	Sample
	95 bbl BGT	(mg/Kg)	results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	ND
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	ND
TPH	US EPA Method SW-846 418.1	100	ND
Chlorides	US EPA Method 300.0 or 4500B	250 or background	10

Notes: mg/Kg = milligram per kilogram, BTEX = benzene, toluene, ethylbenzene, and total xylenes, TPH = total petroleum hydrocarbons. Other EPA methods that the division approves may be applied to all constituents listed. Chloride closure standards will be determined by which ever concentration level is greatest.

Soil under the BGT was sampled and TPH, BTEX and chloride levels were below the stated limits. Sampling data is attached.

- BP shall notify the division District III office of its results on form C-141.
   C-141 is attached.
- If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.
   Sampling results indicate no release occurred.
- 9. If the sampling demonstrates that a release has not occurred or that any release does not exceed the concentrations specified above, then BP shall backfill the excavation, with compacted, non-waste containing, earthen material; construct a division-prescribed soil cover, re-contour and re-vegetate the location. The location will be reclaimed if it is not with in the active process area

# The area under the BGT was backfilled with clean soil and is still within the active area.

10. BP shall reclaim the BGT location and all areas associated with the BGT including associated access roads to a safe and stable condition that blends with the surrounding undisturbed area. BP shall substantially restore the impacted surface area to the condition that existed prior to oil and gas operations by placement of the soil cover as provided in Subsection H of 19.15.17.13 NMAC, re-contour the location and associated areas to a contour that approximates the original contour and blends with the surrounding topography and re-vegetate according to Subsection I of 19.15.17.13 NMAC.

The area over the BGT is covered by the raised compressor pad and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

11. The soil cover for closures where the BGT has been removed or remediated to the NMOCD's satisfaction shall consist of the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater. The soil cover will be constructed to the site's existing grade and all practicable efforts will be made to prevent ponding of water and erosion of the cover material.

### The area over the BGT is covered by the raised compressor pad and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation.

12. BP shall seed the disturbed area the first growing season after closure of the BGT. Seeding will be accomplished by drilling on the contour whenever practical or by other division-approved methods. Vegetative cover will be, at a minimum, 70% of the native perennial vegetative cover (un-impacted by overgrazing, fire or other intrusion damaging to native vegetation), consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintenance of that cover through two successive growing seasons. During the two growing seasons that prove viability, there shall be no artificial irrigation of the vegetation.

The area over the BGT is covered by the raised compressor pad and is still within the active well area. This area will be reclaimed when the well is plugged and abandoned as part of final reclamation. 13. BP shall seed, plant and re-seed pursuant to Paragraph (3) of Subsection I of 19.15.17.13 NMAC, until the location successfully achieves the required vegetative cover.

#### BP will seed the area when the well is plugged and abandoned.

14. Pursuant to Paragraph (5) of Subsection I of 19.15.17.13 NMAC, BP shall notify the NMOCD when it has seeded or planted and when it successfully achieves revegetation.

#### BP will notify NMOCD when re-vegetation is successful.

- 15. Within 60 days of closure completion, BP shall submit a closure report on NMOCD's form C-144, and will include the following;
  - a. proof of closure notification (surface owner and NMOCD)
  - b. sampling analytical reports; information required by 19.15.17 NMAC;
  - c. disposal facility name and permit number
  - d. details on back-filling, capping, covering, and where applicable re-vegetation application rates and seeding techniques and
  - e. site reclamation, photo documentation.
    - Closure report on C-144 form is included.
- 16. BP shall certify that all information in the report and attachments is accurate, truthful, and compliant with all applicable closure requirements and conditions specified in the approved closure plan.

### Certification section of C-144 has been completed.

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

Oil Conservation Division

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

<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		th St. Franc Fe, NM 875					
Relea	se Notificatio	on and Co	orrective A	ction			
		<b>OPERA</b> '	ГOR	🗌 Initia	al Report	$\bowtie$	Final Repor
Name of Company: BP		Contact: Jet	f Peace		· · · · ·		·
Address: 200 Energy Court, Farmington, NM	87401	Telephone 1	No.: 505-326-94	179			
Facility Name: Riddle I 1S		Facility Typ	e: Natural gas	well			
Surface Owner: Federal	Mineral Owner			API No	. 30045324	130	
	l			7111110			
Unit Letter Section Township Range F	LOCATIC	h/South Line	Feet from the	East/West Line	County: Sa	n luan	
	<u>,975</u> Nort		1,710	West	County. 52	in Juan	
Latitude36.6	54862	Longitud	e 107.70789				
		E OF REL					
Type of Release: none		,	Release: N/A	Volume R	Recovered: N	J/A	
Source of Release: below grade tank – 95 bbl			lour of Occurrent	ce: Date and	Hour of Dise	covery:	
Was Immediate Notice Given?	Not Required	d If YES, To	Whom?				
By Whom?		Date and H					
Was a Watercourse Reached?	10	If YES, Vo	olume Impacting	the Watercourse.			
the BGT. Soil analysis resulted in TPH, BTEX an Describe Area Affected and Cleanup Action Taken	* BGT was removed				ne area unde	r the B(	GT was
backfilled and compacted and is still within the acti	ve well area.						
I hereby certify that the information given above is regulations all operators are required to report and/ public health or the environment. The acceptance of should their operations have failed to adequately in or the environment. In addition, NMOCD acceptar federal, state, or local laws and/or regulations.	or file certain release of a C-141 report by t vestigate and remedia	notifications a he NMOCD m ate contaminati	nd perform correc arked as "Final R on that pose a thr	ctive actions for rele eport" does not relie eat to ground water	eases which eve the oper , surface wat	may end ator of ter, hun	danger liability nan health
Signature: Joff Paree			<u>OIL CON</u>	SERVATION	DIVISIO	<u>N</u>	
Printed Name: Jeff Peace		Approved by	Environmental S	pecialist:	·		
Title: Field Environmental Coordinator		Approval Da	te:	Expiration I	Date:		<u></u>
E-mail Address: peace.jeffrey@bp.com		Conditions o	f Approval:		Attached		
Date: November 5, 2014 Phone:	505-326-9479						<u></u>

\* Attach Additional Sheets If Necessary

CLIENT: BP	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #:
FIELD REPORT:	(circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER:	PAGE #: of
QUAD/UNIT: F SEC: 20 TWP:		DATE STARTED: 04/15/13 DATE FINISHED:
	W         SE/NW         LEASE TYPE:         FEDERAL         STATE / FEE / INDIAN           PROD. FORMATION:         FT         CONTRACTOR:         MBF - S. GENTRY	ENVIRONMENTAL SPECIALIST(S): JCB
1)         95 BGT (DW/DB)           2)	GPS COORD.: DISTANCE/BI	EARING FROM W.H.:
<sup>4)</sup> SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB USED: HALL	EARING FROM W.H.:
1) SAMPLE ID:       95 BGT 5-pt. @         2) SAMPLE ID:	6'       SAMPLE DATE:       04/15/13       SAMPLE TIME:       1127       LAB ANALYSIS:       418.1/         SAMPLE DATE:       SAMPLE TIME:       LAB ANALYSIS:	(ppm) (8015B/8021B/300.0(Cl) 0.0
SOIL DESCRIPTION	SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / O	THER
COHESION (ALL OTHERS), NON COHESIVE SLIGHTLY CONSISTENCY (NON COHESIVE SOILS): LC MOISTURE: DRY (SLIGHTLY MOIST) MOIST / WE SAMPLE TYPE: GRAB COMPOSITE) # DISCOLORATION/STAINING OBSERVED:	OSE / FIRM / DENSE / VERY DENSE       DENSITY (COHESIVE CLAYS & SILTS): SOF         T / SATURATED / SUPER SATURATED       HC ODOR DETECTED: YES NO EXPL         OF PTS.	T / FIRM / STIFF / VERY STIFF / HARD
ANY AREAS DISPLAYING WETNESS: YES ( <u>NO</u> APPARENT EVIDENCE OF A RELEASE O ADDITIONAL COMMENTS:	EXPLANATION	
SOIL IMPACT DIMENSION ESTIMATION: DEPTH TO GROUNDWATER:		TIMATION (Cubic Yards) : <u>NA</u> CD TPH CLOSURE STD: <u>100</u> ppm
SITE SKETCH	STEEL CONTAINMENT SYSTEM BERM TO W.H.	M CALIB. READ. =       52.0       ppm         M CALIB. GAS =       100       04/15/13         MISCELL. NOTES       NOTES       NOTES         MO:       N15095400       PO         PO #:       PY       Z2-00690-C         Permit date(s):       06/14/10         DCD Appr. date(s):       09/10/12         ank       OVM = Organic Vapor Meter         ppm = parts per million       A         BGT Sidewalls Visible:       Y / N
NOTES: BGT = BELOW-GRADE TANK, E.D. = EXCAVATIO T.B. = TANK BOTTOM: PBGTI = PREVIOUS BEI	X - S.P.D. N DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; W-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT	BGT Sidewalls Visible: Y / N Magnetic declination: <b>10°</b> E
	WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.	

**Analytical Report** Lab Order 1304705 Date Reported: 4/30/2013

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Blagg Engineering Client Sample ID: 95 BGT 5PC@TB@6'

Project: Riddle I #1S			Collection D	ate: 4/15/2	013 11:27:00 AM
Lab ID: 1304705-001	Matrix:	SOIL	Received D	ate: 4/17/2	013 10:00:00 AM
Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015D: DIESEL RANGE	ORGANICS				Analyst: GSA
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	. 1	4/20/2013 5:41:03 AM
Surr: DNOP	105	63-147	%REC	1	4/20/2013 5:41:03 AM
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/25/2013 1:02:05 AM
Surr: BFB	89.1	80-120	%REC	1	4/25/2013 1:02:05 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.046	mg/Kg	1	4/25/2013 1:02:05 AM
Toluene	ND	0.046	mg/Kg	1	4/25/2013 1:02:05 AM
Ethylbenzene	ND	0.046	mg/Kg	1	4/25/2013 1:02:05 AM
Xylenes, Total	ND	0.093	mg/Kg	1	4/25/2013 1:02:05 AM
Surr: 4-Bromofluorobenzene	99.2	80-120	%REC	1	4/25/2013 1:02:05 AM
EPA METHOD 300.0: ANIONS					Analyst: JRR
Chloride	10	7.5	mg/Kg	5	4/19/2013 12:22:15 PM
EPA METHOD 418.1: TPH					Analyst: LRW
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	4/19/2013

Qualifiers:

\*

Value exceeds Maximum Contaminant Level.

Е Value above quantitation range

Analyte detected below quantitation limits J

Р Sample pH greater than 2

RL Reporting Detection Limit

- Analyte detected in the associated Method Blank В
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- Spike Recovery outside accepted recovery limits S

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client:Blagg EngineeringProject:Riddle I #1S

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Sample ID MB-7071	SampType: MBLK	TestCode: EPA Method	300.0: Anions		
Client ID: PBS	Batch ID: 7071	RunNo: 10014			
Prep Date: 4/19/2013	Analysis Date: 4/19/2013	SeqNo: 285211	Units: mg/Kg		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit (	Qual
Chloride	ND 1.5				
Sample ID LCS-7071	SampType: LCS	TestCode: EPA Method	300.0: Anions		
	Batch ID: 7071	RunNo: 10014			
Client ID: LCSS	Batch ID: <b>7071</b> Analysis Date: <b>4/19/2013</b>	RunNo: <b>10014</b> SeqNo: <b>285212</b>	Units: <b>mg/Kg</b>		
Client ID: LCSS	Analysis Date: 4/19/2013		Units: <b>mg/Kg</b> HighLimit %RPD	RPDLimit (	Qual

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limits

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1304705 *30-Apr-13* 

WO#:

# QC SUMMARY REPORT

Hall	Environmental	Analysis	Laboratory.	Inc.

Client:	Blagg Engineering
Project:	Riddle I #1S

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Sample ID MB-7054	SampType: MBLK	TestCode: EPA Method	418.1: TPH							
Client ID: PBS	Batch ID: 7054	RunNo: 9997								
Prep Date: 4/18/2013	Analysis Date: 4/19/2013	SeqNo: 284837	Units: <b>mg/Kg</b>							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDL	_imit Qual						
Petroleum Hydrocarbons, TR	ND 20									
Sample ID LCS-7054	SampType: LCS TestCode: EPA Method 418.1: TPH									
Client ID: LCSS	Batch ID: 7054	RunNo: 9997								
Prep Date: 4/18/2013	Analysis Date: 4/19/2013	SeqNo: 284838	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDL	_imit Qual						
Petroleum Hydrocarbons, TR	90 20 100.0	0 90.1 80	120							
Sample ID LCSD-7054	SampType: LCSD	TestCode: EPA Method	418.1: TPH	•						
Client ID: LCSS02	Batch ID: 7054	RunNo: 9997								
Prep Date: 4/18/2013	Analysis Date: 4/19/2013	SeqNo: 284839	Units: mg/Kg							
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDL	.imit Qual						
Petroleum Hydrocarbons, TR	89 20 100.0	0 88.9 80	120 1.34	20						

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limits

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1304705

WO#:

30-Apr-13

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

Client:Blagg EngineeringProject:Riddle I #1S

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Sample ID LCS-7056	<b>7056</b> SampType: LCS				TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: LCSS	Batch	n ID: <b>70</b>	56	F	RunNo: <b>9993</b>							
Prep Date: 4/18/2013	Analysis D	ate: 4/	19/2013	SeqNo: 284769 Ur			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	49	10	50.00	0	97.9	47.4	122					
Surr: DNOP	5.7		5.000		114	63	147					
Sample ID MB-7056	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015D: Dies	el Range (	Drganics			
Sample ID MB-7056 Client ID: PBS	•	ype: ME			tCode: El		8015D: Dies	el Range (	Drganics			
	•	n ID: 70	56	F		993	8015D: Dies Units: mg/F	Ū	Drganics	<u> </u>		
Client ID: PBS	Batch	n ID: 70	56 19/2013	F	RunNo: <b>9</b> 9 SeqNo: <b>2</b> 8	993		Ū	Drganics RPDLimit	Qual		
Client ID: <b>PBS</b> Prep Date: <b>4/18/2013</b>	Batch Analysis D	n ID: <b>70</b> : Date: <b>4</b> /	56 19/2013	F	RunNo: <b>9</b> 9 SeqNo: <b>2</b> 8	993 84770	Units: <b>mg/ŀ</b>	(g		Qual		

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limits

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WO#: 1304705

30-Apr-13

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

Client:Blagg EngineeringProject:Riddle I #1S

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Sample ID MB-7046	SampT	SampType: MBLK TestCode: EPA Method						oline Rang	е			
Client ID: PBS	Batch	Batch ID: 7046 RunNo: 10080										
Prep Date: 4/18/2013	Analysis D	ate: 4/	23/2013	SeqNo: 286991			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Casalian Banan Organian (CDO)	ND	5.0										
Surr: BFB	890		1000		89.4	80	120					
Gasoline Range Organics (GRO) Surr: BFB Sample ID LCS-7046	890	ype: LC		Tes			120 8015D: Gaso	oline Rang	e			
Surr: BFB	890 SampT	ype: <b>LC</b>	:S			PA Method		bline Rang	e			
Surr: BFB	890 SampT	n ID: <b>70</b>	:S 46	F	tCode: EF	PA Method		-	e			
Surr: BFB Sample ID LCS-7046 Client ID: LCSS	890 SampT Batch	n ID: <b>70</b>	:S 46 /23/2013	F	tCode: EF	PA Method	8015D: Gaso	-	e RPDLimit	Qual		
Surr: BFB Sample ID LCS-7046 Client ID: LCSS Prep Date: 4/18/2013	890 SampT Batch Analysis D	n ID: <b>70</b> ate: <b>4</b> /	:S 46 /23/2013	F	tCode: EF RunNo: 10 SeqNo: 28	PA Method 0080 36992	8015D: Gaso Units: mg/M	(g		Qual		

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
  - R RPD outside accepted recovery limits
  - S Spike Recovery outside accepted recovery limits

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WO#: 1304705

30-Apr-13

# QC SUMMARY REPORT

Hall Environme	ental Analysis	Laboratory, Inc.

Client:Blagg EngineeringProject:Riddle I #1S

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Sample ID MB-7046	Samp	SampType: MBLK TestCode: EPA Method				8021B: Vola	tiles					
Client ID: PBS	Batc	h ID: 70	46	F	RunNo: 1	080						
Prep Date: 4/18/2013	Analysis [	Date: <b>4</b> /	24/23/2013 SeqNo: 287016 Ur			Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.050										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	0.99		1.000		99.2	80	120					
Sample ID LCS-7046	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: LCSS	Batcl	h ID: 70	46	F	RunNo: <b>1</b>	080						
Prep Date: 4/18/2013	Analysis [	Date: <b>4</b> /	23/2013	S	SeqNo: 2	87017	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	100	80	120					
Toluene	0.99	0.050	1.000	0	98.9	80	120					
Ethylbenzene	0.98	0.050	1.000	0	97.5	80	120					
Xylenes, Total	2.9	0.10	3.000	0 97.6 80			120					
/yionee, retai				00	1							
Surr: 4-Bromofluorobenzene	1.1	0.10	1.000	0	105	80	120					

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
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- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

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WO#: 1304705

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	A TEL: 505-345-39	tal Analysis Labora 4901 Hawkin. Ibuquerque, NM 87 75 FAX: 505-345-4 hallenvironmental.	<sup>s NE</sup> 7105 <b>Sam</b> 410;	ple Log-In C	heck List
Client Name: BLAGG	Work Order Numbe	er: 1304705		RcptNo:	1
Received by/date:	04/17/13				
Logged By: Lindsay Mangin	4/17/2013 10:00:00 4	M	High		
Completed By: Lindsay Mangin	4/17/2013 2:18:34 PI	M	And Harden		
Reviewed By:	04/17/17				
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?		<u>Courier</u>			
<u>Log In</u>					
4. Was an attempt made to cool the samples	\$?	Yes 🗹	No 🗌	NA 🗔	
5. Were all samples received at a temperatur	re of >0° C to 6.0°C	Yes 🗹	No 🗌		
6. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
7. Sufficient sample volume for indicated test	(s)?	Yes 🗹	No 🗌		
8. Are samples (except VOA and ONG) prope	erly preserved?	Yes 🗹	No 🗌		
9. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗋	
10.VOA vials have zero headspace?		Yes 🗌	No 🗌	No VOA Vials 🗹	
11. Were any sample containers received brol	ken?	Yes 🗆	No 🗹	# of preserved	
12. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗆	bottles checked for pH:	r >12 unless noted)
13. Are matrices correctly identified on Chain of	of Custody?	Yes 🗹	No 🗌 🛛	Adjusted?	
14. Is it clear what analyses were requested?		Yes 🗹	No 🗌		
15. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No	Checked by:	
<u>Special Handling (if applicable)</u>					
16. Was client notified of all discrepancies with	this order?	Yes	No 🗌		_
Person Notified:	Date:	1. pr. 1911 (10. pr. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			
By Whom:	Via:	🗌 eMail 🔲 F	Phone 🗌 Fax	In Person	
Regarding:					ļ

17. Additional remarks:

Client Instructions:

•

18. Cooler Information

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

and a second second

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Chain-of-Custody Record			Turn-Around Time:				] .			_												
Client:	BLAGG	ENGWEE	RING INC.	- │ ∑ Standard	🗆 Rush	1 1			HALL ENVIRONMENTAL													
	IZP A			Project Name:				www.hallenvironmental.com									E					
Mailing	Addrees	MERICA	·	RIDDLE I #15																		
		POR	30× 87					4901 Hawkins NE - Albuquerque, NM 87109														
1	3LOOMP	TELD, 1	VM 87413	Project #:				Tel. 505-345-3975 Fax 505-345-4107														
		-	32-1199				<b>19</b> 10-1	Analysis Request														
email o	email or Fax#:			Project Mana	iger:				(yl	( <b>Q</b> )				•	)4)							
QA/QC Package:			J	BLAGG			(8021	as or	퓈/0			SIMS)		04,SC	°CB's							
Accredi			Level 4 (Full Validation)		T. BLAGG			fill i		Ř			_		) <sub>2</sub> ,P	32 F						
		Othe	r	Office	N Yes Mar					20/1	18.1)	504.1)	8270		J <sub>3</sub> ,NC	1 806		A)				N)
	(Type)			Samplestern	perature:				BE	Ð)	4 4	Q 2	Ъ	tals	Ň,	des	2	2	JA I	.		Σ
Date	Time	Matrix	Sample Request ID	1	Preservative Type	ALC: NOT ALC		BTEX + MERE = TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / ##60)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270	RCRA 8 Metals	Anions (F,CI,NO <sub>3</sub> ,NO <sub>2</sub> ,PO <sub>4</sub> ,SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE			Air Bubbles (Y or N)
4/15/2013	1127	SOIL	95 BGT SPCCTBC6	40=×1	COUL	-	001	X		X	X				/	ω	3		X	·	+	+
																				-+		
		<u> </u>																	┢━━┨	ł		+
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																				$\neg$	$\top$	+
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			· · · · · · · · · · · · · · · · · · ·				·												⊢	$\rightarrow$		$\perp$
<b></b>			· · · · · · · · · · · · · · · · · · ·																			
			*			· · ·																
Date:		Relinquishe	H Blegg	Received by:	Waller		23 1247	Ren	narks B	s: 14	BP	:	PAI	rke		ZEI	VHC	91 i	BGT 400	 ~Z		<u> </u>
Date:	Time:	Relinquish	ed by: /	Received by:		Date						N ~		~URU		N Eft	190	75	400	1		
1/10/13	1729	1 mis	the Walters	Lato	x 041	17/13	1600															
, 11	necessary,	samples subr	mitted to Hall Environmental may be subc	contracted to other ad	credited laboratorie	es. This ser	ves as notice of this	possit	oility. /	Алу su	b-cont	racted	data v	will be	clearl	y notai	ted on	the ar	alytica	al repor	t.	

