1625 N. French Dr., Hobbs, NM 88240 1301 W. Grand Avenue, Artesia, NM 88210 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources** Department Oil Conservation Division 1220 South St. Francis Dr.

Santa Fe, NM 87505

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office. For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or Proposed Altomative Method Domait on Classes

Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method Modification to an existing permit
Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system,
below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request
Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinance.
Operator: BP AMERICA PRODUCTION COMPANY OGRID #:778
Address: 200 Energy Court, Farmington, NM 87401
Facility or well name: A L ELLIOTT C 001A
API Number: 3004522667 OCD Permit Number:
U/L or Qtr/Qtr E Section 15.0 Township 29.0N Range 09W County: San Juan County
Center of Proposed Design: Latitude 36.72805 Longitude -107.77116 NAD: ☐1927 ≥ 1983
Surface Owner: Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment
2.
Pit: Subsection F or G of 19.15.17.11 NMAC OIL CONS. DIV DIST. 3
Temporary: Drilling Workover
Permanent Emergency Cavitation P&A MAY 0 1 2014
☐ Lined ☐ Unlined Liner type: Thicknessmil ☐ LLDPE ☐ HDPE ☐ PVC ☐ Other
☐ String-Reinforced
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3.
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)
String-Reinforced Liner Seams:
String-Reinforced Liner Seams:
String-Reinforced Liner Seams:
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other 4.
String-Reinforced Liner Seams:
String-Reinforced Liner Seams:
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other
String-Reinforced Liner Seams:
String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D 3. Closed-loop System: Subsection H of 19.15.17.11 NMAC Type of Operation: P&A Drilling a new well Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent) Drying Pad Above Ground Steel Tanks Haul-off Bins Other Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other

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

Alternative Method:

Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, institution or church)	hospital,
Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify 4' Hogwire with single barbed wire	
7.	
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)	
8. 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	
Administrative Approvals 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:	
Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau	office for
consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	
10.	
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	otable source
material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appro	priate district
office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dryi	
above-grade tanks associated with a closed-loop system.	
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes 🗷 No
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).	☐ Yes 🗷 No
- 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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	∑ Yes No NA
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<u></u>
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No ➤ NA
(Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock	☐ Yes 🗷 No
watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	Ø Yes ⋈ No
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	
Within 500 feet of a wetland.	☐ Yes ➤ No
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	103 <u>C</u> _ 110
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.	☐ Yes 🗵 No
 Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGŞ; NM Geological Society; Topographic map 	•
Within a 100-year floodplain.	Yes 🗷 No
- FEMA map	

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. X 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 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:
Treviously Approved Design (attach copy of design) All Indinder.
Closed-loop Systems 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. Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number:
Previously Approved Operating and Maintenance Plan API Number: (Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
13.
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 Preeboard 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 Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control 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 Closed-loop System 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 (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F 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 G of 19.15.17.13 NMAC □ Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13. Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if facilities are required.	
Disposal Facility Name: Disposal Facility Permit Number:	
Disposal Facility Name: Disposal Facility Permit Number:	
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that will not be used for future set Yes (If yes, please provide the information below) No	
Required for impacted areas which will not be used for future service and operations: 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 I of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC	C
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 sou provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate dis considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	trict office or may be
Ground water is less than 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 between 50 and 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
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA
Within 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 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 private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, 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
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 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ 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 FEMA map	☐ Yes ☐ No
18. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure proby 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 F of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F 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 cann 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 G of 19.15.17.13 NMAC	.15.17.11 NMAC

<u></u>	
19. Operator Application Certification: Liberaby certify that the information submitted with this application is true account.	ata and complete to the heat of my knowledge and holief
I hereby certify that the information submitted with this application is true, accurance (Print): Jeff(ey Peace	Title: Field Environmental Advisor
Signature: Affrey H. Resie	Date: 06/14/2010
e-mail address: Peace.Jeffrey@bp.com	Telephone: 505-326-9479
20. OCD Approval: Permit Application (including closure plan) Closure	
OCD Representative Signature	Jonat O. Killy Approval Date: 2/8/12
Title: Enimueta Enque	OCD Pennit Number
Closure Report (required within 60 days of closure completion): Subsection Instructions: Operators are required to obtain an approved closure plan prior to The closure report is required to be submitted to the division within 60 days of the section of the form until an approved closure plan has been obtained and the closure plan prior to the closure plan has been obtained and the closure plan prior to the closure plan prior to the closure plan has been obtained and the closure plan prior to the closure plan has been obtained and the closure plan prior to the closure plan plan prior to the closure plan plan plan prior to the closure plan plan plan plan plan plan plan plan	to implementing any closure activities and submitting the closure report. The completion of the closure activities. Please do not complete this Soure activities have been completed.
	Closure Completion Date: 4-5-2012
22. Closure Method: Waste Excavation and Removal On-Site Closure Method Alternated If different from approved plan, please explain.	ntive Closure Method Waste Removal (Closed-loop systems only)
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems Instructions: Please indentify the facility or facilities for where the liquids, drill two facilities were utilized.	
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or Yes (If yes, please demonstrate compliance to the items below) No	in areas that will not be used for future service and operations?
Required for impacted areas which will not be used for future service and operation Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation Re-vegetation Application Rates and Seeding Technique	ons:
24. Closure Report Attachment Checklist: Instructions: Each of the following ite	ams must be attached to the closure report. Please indicate by a check
mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure) Plot Plan (for on-site closures and temporary pits)	must be allactive to the bloodie report. I reaso meloute, by a critical
 Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number Soil Backfilling and Cover Installation 	
Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude Longitude	nde NAD: □1927 🛣 1983
On-site Closure Location. Latitude Longitu	1707
Operator Closure Certification: I hereby certify that the information and attachments submitted with this closure re	enort is true, accurate and complete to the hest of my knowledge and
belief. I also certify that the closure complies with all applicable closure requirem	ents and conditions specified in the approved closure plan.
Name (Print): Jeff leace	Title: Area Environmantal Advisor
Signature: off Posco	Title: Area Environ mantal Advisor Date: May 1, 2014 Telephone: (505) 326-9479
a mail address: Peace in flrey @ bl. com	Telephone: (5'05) 326-9479

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

A. L. Elliott C 1A API No. 3004522667 Unit Letter E, Section 15, T29N, R9W

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

- 1. 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	16

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.

- 7. BP shall notify the division District III office of its results on form C-141. **C-141 is attached.**
- 8. 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 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 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 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.

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

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

			Rele	ease Notific	catio	on and Co	orrective A	ction					
						OPERA'	ГOR		☐ Initi	al Report	\boxtimes	Final Report	
Name of Co						Contact: Jef	f Peace					· · · · · · · · · · · · · · · · · · ·	
		Court, Farmi	ngton, N	M 87401		Telephone No.: 505-326-9479							
Facility Na	ne: A. L. 1	Elliott C 1A				Facility Type: Natural gas well							
Surface Ow	ner: Feder	al		Mineral (Owner	: Federal			API No	. 3004522	667		
				LOCA	ATIC	N OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the		h/South Line	Feet from the	East/W	est Line	County: S	San Juar	n	
E	15	29N	9W	1,470	Nort	h	1,030	West					
		Lati	itude_3	6.72805		Longitud	e107.77116_	·		l			
				NAT	URI	E OF REL	EASE						
Type of Rele							Release: N/A			Recovered:			
		w grade tank –	95 bbl				lour of Occurrence	ce:	Date and	Hour of Di	scovery	<u>':</u>	
Was Immedi	ate Notice (Yes [No 🛭 Not R	equired	i If YES, To	Whom?						
By Whom?						Date and F							
Was a Water	course Read		Yes 🗵	N o		If YES, Vo	olume Impacting t	the Wate	rcourse.				
If a Watercon	irce was Im	pacted, Descr	ibe Fully ?										
the BGT. So	il analysis ı	esulted in TPI	H, BTEX	and chloride belo	w stand	dards. Analysi	the BGT was do	hed.					
		and Cleanup A			moved	and the area u	nderneath the BG	T was sa	impled. T	he excavate	d area	was	
regulations a public health should their or or the enviro	I operators or the envi operations h nment. In a	are required to ronment. The nave failed to a	o report ar acceptance adequately OCD accep	nd/or file certain reports of a C-141 reports investigate and reports of the contract of the c	elease ort by t emedia	notifications and he NMOCD mate contamination	knowledge and u nd perform correc arked as "Final R on that pose a thr e the operator of	ctive action eport" do eat to gro	ons for rel oes not rel ound water	eases which ieve the ope r, surface w	may en erator of ater, hu	ndanger f liability man health	
							OIL CON	SERV.	ATION	DIVISIO	NC		
Signature:	Jeff	Posel				Ammound ho	Environmental S	manialist					
Printed Name	: Jeff Peac	e				Approved by	Environmental S	pecialist					
Title: Area E	nvironment	tal Advisor				Approval Da	te:	E	Expiration	Date:			
E-mail Addre	ess: peace.je	effrey@bp.cor	n			Conditions of	f Approval:			Attached	i 🗆		
Date: May 1 Attach Addi				5-326-9479								•	

CHENT: BP		INEERING, INC.	10	API#: 3004522667
CLIENT:	•	OMFIELD, NM 874 ² 632-1199	13	TANK ID (if applicble):
FIELD REPORT:	(circle one): BGT CONFIRMATION REL	EASE INVESTIGATION / OTHER:		PAGE#: 1 of 1
SITE INFORMATION	I: SITE NAME: A.L. ELLIC	TT C#1A		DATE STARTED: 03/26/12
QUAD/UNIT: E SEC: 15 TWP:		M CNTY: SJ ST:		DATE FINISHED:
1/4-1/4/FOOTAGE: 1470'N/1030'				ENVIRONMENTAL SPECIALISTICS:
	PROD. FORMATION: MV CONTE			
REFERENCE POINT	WELL HEAD (W.H.) GPS COO	DRD:: <u>36.72821 X 107</u> 2805 X 107 77116	7.77135	GL ELEV.: 5,973'
	GPS COORD.:			
	GPS COORD.:			
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # OR LAB			I OVM I
	SAMPLE DATE: 03/26/12		_	(ppm)
2) SAMPLE ID:				
3) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALYSIS		
4) SAMPLE ID:	SAMPLE DATE:	SAMPLE TIME: LAB ANALYSIS	:	
SOIL DESCRIPTION	SOIL TYPE: SAND SILTY SAN	ID / SILT / SILTY CLAY / CLAY / GR	AVEL / OTI	HER
SOIL COLOR:	TAN			
COHESION (ALL OTHERS) NON COHESIVE SLIGHTL		, ,		
CONSISTENCY (NON COHESIVE SOILS) LC MOISTURE: DRY/SLIGHTLY MOIST MOIST / W		· ·		
SAMPLE TYPE: GRAB (COMPOSITE -#		HC ODOR DETECTED. YES/[10 EXPL	ANATION -
DISCOLORATION/STAINING OBSERVED	: YES NO EXPLANATION -			
ANY AREAS DISPLAYING WETNESS: YES NO	TEYPI ANATION			
APPARENT EVIDENCE OF A RELEASE C		NO EXPLANATION:		
ADDITIONAL COMMENTS: NO APPARE	NT EVIDENCE OF A RELEASE OBSER	VED FROM THE BGT.		
SOIL IMPACT DIMENSION ESTIMATION:	NA ft. X NA ft.	X NA ft. EXCAVA	ATION EST	IMATION (Cubic Yards) : NA
DEPTH TO GROUNDWATER: >100' N		AREST SURFACE WATER: <1,00	0'_ NMOC	D TPH CLOSURE STD: 1,000 ppm
SITE SKETCH	_	PLOT PLAN circle: attac	hed 0VM	CALIB. READ. = 53.6 ppm pg = 0.50
WELL (D		♦ ovm	<u>Nr = 0.32</u>
HEAD `	-		N TIME:	2:45 andpm DATE: 03/26/12
		•	`	MISCELL. NOTES
				N1544224
				76838
	PBGTL T.B. ~6'		TANK ID (if applicble): PAGE #: 1 of 1 DATE STARTED: 03/26/12 NM DATE FINISHED: DATE FINISHED: DATE FINISHED: DATE FINISHED: DATE FINISHED: DATE STARTED: 03/26/12 DATE FINISHED: DATE STARTED: 03/26/12 TOMICALIST(S): JCB TOMICALIST(S): JCB TOMICALIST(S): JCB TOMICALIST(S): JCB TOMICALIST FROM WH: STANCE/BEARING FROM WH: STANCE/BEARING FROM WH: TOWN CALIBREAD: TOMICALIST COMESME/MEDIUM PLASTIC /HIGHLY PLASTIC TOMICALIST COMESME/MEDIUM PLASTIC /HIG	
	B.G. (X X X)	`	-	
				CD Appr data(a): 02/00/42
				50 Appl. date(5). 02/00/12
				Permit date(s): 06/14/10
	•	X - S.P.D.		BGT Sidewalls Visible: Y N NA
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION	ON DEPRESSION; B.G. = BELOW GRADE; B = BELOW;	T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL I		
T.B. = TANK BOTTOM; PBGTL = PREVIOUS BEL APPLICABLE OR NOT AVAILABLE: SW - SINGLI	.OW+GRADE TANK LOCATION;	'ESIGNATION; R.W. = RETAINING WALL; NA - N B - DOUBLE BOTTOM.	^{UI} <u>М</u>	agnetic declination: 10 E
TRAVEL NOTES: CALLOUT:		ONSITE: 03/26/12		

Analytical Report

Lab Order 1203A50

Date Reported: 4/5/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 95 BGT 5-pt@6'

Project: A L

A L Elliott C 1A

Collection Date: 3/26/2012 2:38:00 PM

Lab ID: 1203A50-001

-001 Matrix: SOIL

Received Date: 3/28/2012 9:45:00 AM

Analyses	Result	RL Qu	al Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE	ORGANICS				Analyst: JMP
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/30/2012 2:14:42 PM
Surr: DNOP	106	77.4-131	%REC	1	3/30/2012 2:14:42 PM
EPA METHOD 8015B: GASOLINE RAN	GE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	3/31/2012 3:25:16 AM
Surr: BFB	90.2	69.7-121	%REC	1	3/31/2012 3:25:16 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.047	mg/Kg	1	3/31/2012 3:25:16 AM
Toluene	ND	0.047	mg/Kg	1	3/31/2012 3:25:16 AM
Ethylbenzene	ND	0.047	mg/Kg	1	3/31/2012 3:25:16 AM
Xylenes, Total	ND	0.095	mg/Kg	1	3/31/2012 3:25:16 AM
Surr: 4-Bromofluorobenzene	87.0	80-120	%REC	1	3/31/2012 3:25:16 AM
EPA METHOD 300.0: ANIONS					Analyst: BRM
Chloride	16	1.5	mg/Kg	1	3/29/2012 9:46:13 PM
EPA METHOD 418.1: TPH					Analyst: JMP
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	3/30/2012

Qualifiers:

- */X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- 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
- RL Reporting Detection Limit

<u>C</u>	<u>hain-</u>	of-Cu	stody Record	Turn-Around	Time:							1_1	AE		ER	I\/	TO	_		MEI	AIT	AI	
Client:	BLAGG	ENGL	EERING INC.	Standard Project Name	□ Rush	<u> </u>														RA			
	RP 1	MED	0 A	Project Name	e:				.0		A				envir								
Mailing	Address	P.O. k	SOX 87	A.L.EL	LIOTT C	1 <i>A</i>				490	1 Ha				Albu					′109			
<u></u>	2 m	=1/E/A	NM 87413	Project #:				1		Tel	i. 50	5-34	5-39	75	Fa	x 5	505-3	345-	410	7			
Phone #	t: 50	5-6	NM 87413 32-1199	1					V		X 94.									e e e e e e e e e e e e e e e e e e e			
email or		<u> </u>		Project Mana	aer:					3	(F)	3 54 1.			\neg	\neg							Т
QA/QC F			· · · · · · · · · · · · · · · · · · ·	7-77	J - · ·				21)	6	ies					တ္တ	3,8						
Stan	•		☐ Level 4 (Full Validation)	J-134	466			- (8	+ TPH (Gas only)	Ω/SI	-		-	1	Š.	PCB's					-	
Accredi			E Lover 4 (r dir vandation)	Sampler	F BLACK	-		\dashv	S	Ĭ.	9					7.7	82				l	İ	
□ NEL		□ Othe	r	Online	Yvas				\mathbb{H}	라	2B	8.1	4	至 日		کِّ ا	8						E
□ EDD			****	Samole iremi	(C)					<u>,</u>	80	4	1 20	-	Se	일	les		Ó	اليا			
Date	Time	Matrix	Sample Request ID	Project Mana J- Bu Sampler: Johnse Sample Men Container Type and #	Preservative Type		HEALING.		TEX + TATE	TEX + MTE	TPH Method 8015B (Gas/Diesel)	, TPH (Method 418.1)	DB (Method	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,CI,NO ₃ ,NO ₂ ,PO ₄ ,SO ₄)	8081 Pesticides / 8082	8260B (VOA)	8270 (Semi-VOA)	CHLORIDE			ir Bubbles (
3/26/12	1433	SOIL	95 BGT 5-PE 0.6	402×1	COOL		·001		ᄴ	;	\frac{1}{2}	뉤	<u>"</u>	<u></u>	<u> </u>	⋖┤	80	80		×		+	
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Date:	Time:	Relinquishe	ed by:	Received by:	^	Di	ate Time	F	Rem	arks:	: <u>p</u>	RO	+ 6	ro	0/	vir	,						
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Date:	Time:	Relinquish	ed by:	Received by:		Da	ate Time	┷┪;	7 ((O)	_AE	,							
Date: 3/27/12	1647	VMn	the Wastris	Min	U Corrie	03	18/12 094	15	JÉ	4F	_	Aci		~ .	۱								
	naracean/	camples suh	mitted to Hall Environmental may be eithe	natrarted frother a	rmedited Ehoratorio	ee Thice	senies as notice o	of this n	neelhi	llitv Ar	nv suh	-contr	arted r	lata w	ill he c	laartu	notate	ed on	the ar	nalvtical	mont		

Hall Environmental Analysis Laboratory, Inc.

WO#:

1203A50 06-Apr-12

Client:

Blagg Engineering

Project:

A L Elliott C 1A

Sample ID MB-1309

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 1309

RunNo: 1799

Prep Date:

3/29/2012

Analysis Date: 3/29/2012

PQL

SeqNo: 50260

Units: mg/Kg HighLimit

%RPD **RPDLimit**

Qual

Analyte Chloride

ND 1.5

Sample ID LCS-1309

SampType: LCS

TestCode: EPA Method 300.0: Anions

%RPD

Client ID: LCSS

14

Result

RunNo: 1799

SPK value SPK Ref Val %REC LowLimit

Prep Date: 3/29/2012 Batch ID: 1309

Units: mg/Kg

Analysis Date: 3/29/2012

SeqNo: 50261

Analyte

Result PQL SPK value SPK Ref Val

%REC LowLimit

HighLimit

RPDLimit Qual

1.5

15.00

93.7

110

Chloride

Qualifiers:

Value exceeds Maximum Contaminant Level. */X

Е Value above quantitation range

Analyte detected below quantitation limits

RPD outside accepted recovery limits R

В Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit Reporting Detection Limit

RL

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 1203A50

06-Apr-12

Client:

Blagg Engineering

Project:

A L Elliott C 1A

Sample ID MB-1308

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID:

PBS

Batch ID: 1308

PQL

20

RunNo: 1796

Units: mg/Kg

Prep Date:

3/29/2012

Analysis Date: 3/30/2012

Result

ND

SeqNo: 50197

HighLimit

%RPD **RPDLimit**

Qual

Analyte Petroleum Hydrocarbons, TR

Analyte

SampType: LCS

Sample ID LCS-1308

SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 418.1: TPH

Client ID:

LCSS

Batch ID: 1308

RunNo: 1796

LowLimit

Prep Date: 3/29/2012 Analysis Date: 3/30/2012

PQL

20

20

SeqNo: 50198 %REC

99.1

Units: mg/Kg

RPDLimit Qual

Petroleum Hydrocarbons, TR

99

Result

87.8

HighLimit %RPD 115

Sample ID LCSD-1308 Client ID:

LCSS02

SampType: LCSD

Batch ID: 1308

TestCode: EPA Method 418.1: TPH RunNo: 1796

Units: mg/Kg

Qual

Analyte

Prep Date: 3/29/2012 Analysis Date: 3/30/2012

100

PQL

SPK value SPK Ref Val 0

SPK value SPK Ref Val

%REC

SeqNo: 50199

LowLimit 87.8 HighLimit 115 %RPD **RPDLimit**

Petroleum Hydrocarbons, TR

100.0

100.0

103

4.15

8.04

Qualifiers:

Value exceeds Maximum Contaminant Level. */X

Value above quantitation range E

Analyte detected below quantitation limits

Analyte detected in the associated Method Blank В

H Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND Reporting Detection Limit

Page 3 of 6

R

RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

5.1

WO#: 1203A50

06-Apr-12

Client:

Blagg Engineering

Project:

Surr: DNOP

A L Elliott C 1A

Project: A L El	lliott C IA			
Sample ID MB-1307	SampType: MBLK	TestCode: EPA Method	8015B: Diesel Range O	rganics
Client ID: PBS	Batch ID: 1307	RunNo: 1801		
Prep Date: 3/29/2012	Analysis Date: 3/30/2012	SeqNo: 50582	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	ND 10			
Surr: DNOP	12 10.00	119 77.4	131	
Sample ID LCS-1307	SampType: LCS	TestCode: EPA Method	8015B: Diesel Range O	rganics
Client ID: LCSS	Batch ID: 1307	RunNo: 1801		
Prep Date: 3/29/2012	Analysis Date: 3/30/2012	SeqNo: 50599	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Diesel Range Organics (DRO)	51 10 50.00	0 102 62.7	139	

102

77.4

131

5.000

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

Result

1,000

27

5.0

WO#:

RPDLimit

Qual

%RPD

1203A50

06-Apr-12

Client: Project:

Analyte

Surr: BFB

Gasoline Range Organics (GRO)

Blagg Engineering

A L Elliott C 1A

Sample ID MB-1305	SampType: MBLK	TestCode: EPA Method	8015B: Gasoline Range	1	
Client ID: PBS	Batch ID: 1305	RunNo: 1850			
Prep Date: 3/29/2012	Analysis Date: 3/30/2012	SeqNo: 51777	Units: mg/Kg		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual	
Gasoline Range Organics (GRO)	ND 5.0				
Surr: BFB	920 1,000	91.6 69.7	121		
Sample ID LCS-1305	SampType: LCS TestCode: EPA Method 8015B: Gasoline Range				
Client ID: LCSS	Batch ID: 1305	RunNo: 1856			
Prep Date: 3/29/2012	Analysis Date: 4/2/2012	SeqNo: 52182	Units: mg/Kg		

0

%REC

107

103

LowLimit

98.5

69.7

HighLimit

133

121

SPK value SPK Ref Val

25.00

1,000

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD 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

RL Reporting Detection Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

Result

0.94

PQL

WO#:

1203A50

06-Apr-12

Client:	
Project:	

Blagg Engineering

A L Elliott C 1A

Sample ID MB-1305	Samp	Гуре: М	BLK	Tes							
Client ID: PBS	Batc	h ID: 13	05	F	RunNo: 1						
Prep Date: 3/29/2012	Analysis Date: 3/30/2012			5	SeqNo: 5	1816	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.050									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.88		1.000		88.5	80	120				
Sample ID LCS-1305	SampType: LCS TestCode: EPA Method 8021B: Volatiles										
Client ID: LCSS	Batch ID: 1305			F	RunNo: 1						
Prep Date: 3/29/2012	Analysis Date: 4/3/2012			8	SeqNo: 5	2527	Units: mg/k				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.91	0.050	1.000	0	91.3	83.3	107				
Toluene	0.95	0.050	1.000	0	95.2	74.3	115				
Ethylbenzene	0.95	0.050	1.000	0	95.4	80.9	122				
Xylenes, Total	2.8	0.10	3.000	0	94.8	85.2	123				
Surr: 4-Bromofluorobenzene	0.91		1.000		91.0	80	120			,	
Sample ID MB-1341	Samp	ype: ME	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					11	
Client ID: PBS	Batch ID: 1341			F	RunNo: 1877						
Prep Date: 4/2/2012	Analysis E	Date: 4/	4/2012	5	SeqNo: 5	2715	Units: %RE	С			

Sample ID LCS-1341	SampTy	ype: LC :	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batch	ID: 134	11	F	RunNo: 1	877				
Prep Date: 4/2/2012	Analysis Date: 4/4/2012			5	SeqNo: 5	2716	Units: %RE			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		1.000		96.7	80	120			

SPK value SPK Ref Val

1.000

%REC

94.2

LowLimit

80

HighLimit

120

%RPD

RPDLimit

Qual

Qualifiers:

R

Analyte

Surr: 4-Bromofluorobenzene

*/X Value exceeds Maximum Contaminant Level.

Value above quantitation range Е

Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND

Page 6 of 6

Reporting Detection Limit



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87105 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name	: E	BLAGG		1	Wo	ork Ord	der I	Numi	ber:	1203A50				
Received by	/date:	1	6	n laal	7									
Logged By:	L	indsay M	(langin	3/28/2012 9:4	5:00 AM	•		٠	O	dythogo duth co				
Completed E	By: L	indsay M	angin	3/28/2012 3:00	6:02 PM				July 1	44Hbgo				
Reviewed By	r. E	*-	γ΄ Ι	03/28/1	2					·				
Chain of C	usto	<u>dy</u>		, ,										
1. Were se	eals inta	act?				Yes		No		Not Prese	ent 🗸			
2. Is Chair	of Cus	stody com	plete?			Yes	✓	No		Not Prese	ent			
3. How wa	s the sa	ample deli	vered?			Couri	ier							
Log In														
4. Coolers	are pre	esent? (se	e 19. for cooler sp	ecific informatio	n)	Yes	✓	No			NA			
5. Was an	attemp	t made to	cool the samples	?		Yes	✓	No		1	NA			
6. Were al	sampl	es receive	ed at a temperatur	e of >0° C to 6.	0°C	Yes	•	No		i	NA			
7 Sample	s) in pr	oper conta	ainer(s)?			Yes	~	No						
8 Sufficier	nt samp	le volume	for indicated test	(s)?		Yes	v	No						
9. Are sam	ples (e	xcept VO	A and ONG) prope	erly preserved?		Yes	•	No						
10. Was pre				J.		Yes		No	~	1	IA			
11. VOA via	ls have	zero head	dspace?			Yes		No		No VOA Vi	als ✓			
			ners received brok	en?		Yes		No	✓					
13. Does pa (Note dis			ottle labels? hain of custody)			Yes	~	No			preserved es checke H:			
14. Are mate	ices co	rrectly ide	entified on Chain o	f Custody?		Yes	✓.	No		- 1		(<2 or >	12 unles	s noted)
15. Is it clea	r what a	analyses v	were requested?			Yes	✓	No			Adjusted	1?		
		_	ole to be met? authorization.)			Yes	✓	No			Checked	by:		
Special Ha	ndlin	g (if app	olicable)											
17. Was clie	nt notif	ied of all o	discrepancies with	this order?		Yes		No			NA 🗸			
Per	son No	tified:	THE TAXABLE PARTY OF THE PARTY	***************************************	Date:		*********	Marine	are eta uzun	umberset tite jii.				
Ву	Whom:			20.00	Via:	eMai	i	Ph	ione	Fax ·	In Perso	ın		
Re	garding	:					**********			The state of the s		<u> </u>		
Clie	ent Insti	ructions:												
18. Addition:	al rema	rks:												
19 Cooler I	r No	ntion Temp ºC .1	Condition S	eal Intact Sea	l No ∫ S∈	eal Dat	te		Signe	ed By				



