Form C-144 July 21, 2008

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

Form C-144

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.

Proposed Alternative Method Permit or Closure Plan Application						
Proposed Alternative Method Permit or Closure Plan Application 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 ordinances.						
Operator: BP AMERICA PRODUCTION COMPANY OGRID #: 778						
Address: 200 Energy Court, Farmington, NM 87401						
Facility or well name: GALLEGOS CANYON UNIT 191E						
API Number: 3004526223 OCD Permit Number:						
U/L or Qtr/Qtr G Section 32.0 Township 28.0N Range 12W County: San Juan County						
Center of Proposed Design: Latitude 36.62237 Longitude -108.13091 NAD: ☐1927 🗷 1983						
Surface Owner: ■ Federal □ State □ Private □ Tribal Trust or Indian Allotment						
Pit: Subsection F or G of 19.15.17.11 NMAC RCVD FEB 5 '14 Temporary: Drilling Workover Drilling Workover Cavitation P&A DIST. 3						
□ Lined □ Unlined Liner type: Thickness mil □ LLDPE □ HDPE □ PVC □ Other □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other □ Volume: □ bbl □ Dimensions: L x W x D X W						
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other 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						
□ Lined □ Unlined Liner type: Thickness mil □ LLDPE □ HDPE □ PVC □ Other □ String-Reinforced Liner Seams: □ Welded □ Factory □ Other □ Volume: □ bbl □ Dimensions: L x W x D X W						
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other 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						
Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other						

Oil Conservation Division

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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, hospital, institution or church) Four foot height, four strands of barbed wire evenly spaced between one and four feet Alternate. Please specify 4' Hogwire with single barbed wire							
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.							
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 acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or 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). - 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. (Applies to temporary, emergency, or cavitation pits and below-grade tanks)	Yes No						
- Visual inspection (certification) of the proposed site; Aerial photo; Satellite image Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. (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 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 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. - 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							
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						

Form C-144

Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. ■ Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.12 NMAC 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:
12. 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)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached. Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Climatological Factors Assessment Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Emergency Response Plan Oil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control Plan 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

Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only: (19.15.17.13.D NMAC) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two								
facilities are required. Disposal Facility Name:								
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 service and operations? 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								
17. 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 source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Burcau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.								
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							
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							
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								
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								
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								
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								
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								
18. On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations. based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection 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 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 or in case on-site closure standards cannot be achieved) Soil Cover Design - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC								

Operator Application Certification:						
I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.						
Name (Print): Jeffrey Peace Title: Field Environmental Advisor						
Signature:						
e-mail address: Peace. etrey@bp.com Telephone: 505-326-9479						
OCD Approval: Permit Application (including closure plat) Closure may (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 4/14/12						
Title: Envinnental Eigineer OCD Permit Number:						
21. Closure Report (required within 60 days of closure completion): Subsection K of 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. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 6-15-2012						
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loop systems only) If different from approved plan, please explain.						
23. Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:						
Instructions: Please indentify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than						
two facilities were utilized. Disposal Facility Name:						
Disposal Facility Name: Disposal Facility Permit Number:						
Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations? Yes (If yes, please demonstrate compliance to the items below) No						
Required for impacted areas which will not be used for future service and operations:						
Site Reclamation (Photo Documentation) Soil Backfilling and Cover Installation						
Re-vegetation Application Rates and Seeding Technique						
24. Closure Report Attachment Checklist: Instructions: Each of the following items 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) 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)						
Re-vegetation Application Rates and Seeding Technique Site Reclamation (Photo Documentation) On-site Closure Location: Latitude 36.60037 Longitude 108.13.991 NAD: 1927 2 1983						
25. Operator Closure Certification:						
I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.						
Name (Print): Tell leace Title: Field Environmental Advisor						
Signature: Josh Pearl e-mail address: pearle jellrey@bp.com Telephone: (505) 326-9479						
e-mail address: peace je trey & bp. com Telephone: (505) 326-9479						

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Gallegos Canyon Unit 191E
API No. 3004526223
Unit Letter G, Section 32, T28N, R12W

RCVD FEB 5 '14 OIL CONS. DIV. DIST. 3

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	11

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 covered by the LPT. It is still within the active well 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 LPT 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 LPT 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 LPT 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.

District I 1625 N. French Dr., Hobbs, NM 88240 District II 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

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

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

Form C-141

Revised August 8, 2011

Release Notification and Corrective Action												
						OPERA	ΓOR		Initia	l Report 🛛	Final Report	
Name of Co	mpany: B	P			(Contact: Jef	f Peace					
Address: 20	0 Energy (Court, Farm	ington, N	M 87401		Telephone N	No.: 505-326-94	79		_		
Facility Name: Gallegos Canyon Unit 191E							e: Natural gas v					
Surface Owner: Federal Mineral Owner					wner: I	Federal	_	A	PI No.	. 3004526223		
i				LOCA	TION	I OE DEI	FACE	· · · · · · · ·				
I In it I attan	C+:	Tournahin	Donas	Feet from the		N OF REI South Line		F4/W4	T	Country Court		
Unit Letter G	Section 32	Township 28N	Range 12W	1,460	North	South Line	Feet from the 1,460	East/West East	Line	County: San Jua	n	
1		Lat	itude3	6.62237		_ Longitude	e108.13091_					
į				NAT	URE	OF RELI	EASE					
Type of Relea	ase: none					·	Release: N/A	Vol	lume R	ecovered: N/A		
Source of Rel		v grade tank -	- 95 bbl			Date and H	our of Occurrence			Hour of Discover	y:	
Was Immedia	te Notice (Yes [No ⊠ Not Re	equired	If YES, To	Whom?	•				
By Whom?						Date and H	our					
Was a Water	course Read	hed?				If YES, Volume Impacting the Watercourse.						
□ Yes ☑ No RCVD FEB 5 '14								14				
If a Watercou	If a Watercourse was Impacted, Describe Fully.* OIL CONS. DIV.							att.				
	CD 11	1.0	1: 1 4 .:	T1 +C 1:	C .1	21.1 .1	1 DCT 1		1.	DIST. 3		
				n Taken.* Samplin and chloride below					noval t	o ensure no soil ii	mpacts from	
1	•		,			•						
Describe Are	a Affected:	and Cleanup	Action Tal	cen.* BGT was re	moved a	nd the area u	nderneath the BG	T was sampl	led. Th	ne excavated area	was	
		-		active well area.								
,												
I hereby certi	fy that the i	nformation g	iven above	e is true and comp	lete to th	e best of my	knowledge and u	nderstand the	at pursi	uant to NMOCD	rules and	
regulations al	loperators	are required t	o report ar	nd/or file certain re	elease no	otifications ar	nd perform correct	tive actions t	for rele	ases which may e	endanger	
				ce of a C-141 repo								
				investigate and re								
or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.												
OIL CONSERVATION DIVISION												
Signature: (
Printed Name	: Jeff Peace	e				Approved by	Environmental S	pecialist:				
Title: Field Environmental Advisor						Approval Date: Expiration Date:						
E-mail Address: peace.jeffrey@bp.com						Conditions of Approval:						

Phone: 505-326-9479

Date: February 4, 2014____

^{*} Attach Additional Sheets If Necessary

SITE INFORMATION: SITENAME: GCU #191E QUAD/UNIT: G SEC: 32 TWP: 28N RNG: 12W PM: NMCNTY: SJ ST: NM 1/4-1/4/F00TAGE: 1460'N / 1460'E SW/NE LEASE TYPE: FEDERAL STATE / FEE / INDIAN LEASE #: NM078391C PROD. FORMATION: DK CONTRACTOR: MBF - K. LEMMONS REFERENCE POINT: WELL HEAD (W.H.) GPS COORD.: 36.62200 X 108.13094 GI 1) 95 BGT (A) (SW/SB) GPS COORD.: 36.62237 X 108.13091 DISTANCE/BEARING FROM W. 2) GPS COORD.: DISTANCE/BEARING FROM W. 3): GPS COORD.: DISTANCE/BEARING FROM W. 4) GPS COORD.: DISTANCE/BEARING FROM W. 4) GPS COORD.: DISTANCE/BEARING FROM W. 5 AMPLEID: SAMPLEID: SAMPLE TIME: LAB ANALYSIS: 418.1, 8015, 8021, 30 SAMPLE ID: SAMPLE TIME: LAB ANALYSIS: 418.1, 8015, 8021, 30 SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: SAMPLE TIME: LAB ANALYSIS: LAB ANALYSIS: LAB ANALYSIS: SOIL DESCRIPTION: SOIL TYPE: SAMD / SILTY SAND / SILTY SLAD / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL DESCRIPTION: SOIL TYPE: SAND / SILTY SAND / SILTY SLAD / SILTY CLAY / CLAY / GRAVEL / OTHER SOIL COLOR: CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE / WERY DENSE / WER	8004526223 e): A								
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DISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION -	SOIL COLOR: COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHESIVE / COHESI								
ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: Y / N EXPLANATION: ADDITIONAL COMMENTS: WILL SET 95 LOW PROFILE AGT @ SAME LOCATION.									
EXCAVATION DIMENSIONS (if applicable): NA ft. X NA ft. X NA ft. cubic yards excavated (if applicable) DEPTH TO GROUNDWATER: <50' NEAREST WATER SOURCE: >1,000' NEAREST SURFACE WATER: >1,000' NMOCD TPH CLOSU									
MISCE WO: N156 PO #: PK: ZSCI PJ #: Z2-00 OCD Appr. da WELL HEAD A BGT Sidewa	100 ppm RF = 0.52 Ppm Ppm DATE 06/21/12 Ppm DATE 06/21/12 Ppm Pp								
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA - NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM. TRAVEL NOTES: CALLOUT: ONSITE:	ate(s): 06/14/10 valls Visible: Y / N								

Analytical Report

Lab Order 1206768

Date Reported: 6/25/2012

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Project: GCU 191E

Lab ID: 1206768-001

Matrix: SOIL

Client Sample ID: 95 BGT 5-pt @ 4'

Collection Date: 6/15/2012 11:02:00 AM **Received Date:** 6/19/2012 9:50:00 AM

Analyses	Result	RL Qual Units		DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANG	GE ORGANICS	-	-		Analyst: JMP
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/20/2012 12:33:23 PM
Surr: DNOP	103	77.6-140	%REC	1	6/20/2012 12:33:23 PM
EPA METHOD 8015B: GASOLINE R.	ANGE				Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	6/21/2012 2:00:03 AM
Sum: BFB	90.9	69.7-121	%REC	1	6/21/2012 2:00:03 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.046	mg/Kg	1	6/21/2012 2:00:03 AM
Toluene	ND	0.046	mg/Kg	1	6/21/2012 2:00:03 AM
Ethylbenzene	ND	0.046	mg/Kg	1	6/21/2012 2:00:03 AM
Xylenes, Total	ND	0.092	mg/Kg	1	6/21/2012 2:00:03 AM
Surr: 4-Bromofluorobenzene	90.2	80-120	%REC	1	6/21/2012 2:00:03 AM
EPA METHOD 300.0: ANIONS					Analyst: BRM
Chloride	11	7.5	mg/Kg	5	6/19/2012 9:59:22 PM
EPA METHOD 418.1: TPH					Analyst: JMP
Petroleum Hydrocarbons, TR	ND	20	mg/Kg	1	6/20/2012

0	ua	lif	ie	rs

- */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 Samples with CalcVal < MDL

Ç	Chain-of-Custody Record Turn-Around Time:			HALL ENVIRONMENTAL																	
Client:	BLAGG	ENGIN	EERNG INC.	A Standard	☐ Rush	.			H									RA			
7	$P \setminus V$	MERCI	•	Project Name	e:			+ 9. 1	(<u></u>								i	. M	., ~	~ 1 	
Mailing	Address	Ro	Box 87	Scu	191E		www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109														
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email o				Project Mana	ger:									(†)							T
QA/QC I	Package: dard		☐ Level 4 (Full Validation)	J. BLAGE			HWB's (8021)	TPH (Gas only)	(Gas/Diesel)					PO₄,S(PCB's						
Accredi		□ Othe	г	Sampler: J	CASE III	ST No.	HATB	+ TPH		18.1)	04.1)	AH)		J ₃ ,NO ₂ ,	3 / 8082		A)				
	(Type)			Sample Jeni	Yearing		3	. BE)d 80	od 4	od 5	or F	stals	Ň	jdes	₹	OA-I	W			
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	BEALNO.	BTEX +-MTB	BTEX + MTBE	TPH Method 8015B	TPH (Method 418.1)	EDB (Method 504.1)	3310 (PNA	RCRA 8 Metals	Anions (F,C	8081 Pesticides / 8082 PCB'	8260B (VOA)	8270 (Semi-VOA)	CALVELDE			hir Dukhlas
6/15/12	1102	SOIL	95 BGT 5-P+0, 4	402×1	cesc	-001	X		X	×		~~		<i>'</i>	ũ			X	+	+	†
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Date:	Time:	Refinquishe	ed by:	Received by:	Mahan	Date Time	1 '			wu Je			• a r=	•							
	necessary	learning such	nifted to Hall Environmental may be supp	contracted to other a	wastiadishartian	on This serves on making of this		. 1854	A				*** *	- -							

Hall Environmental Analysis Laboratory, Inc.

WO#:

RPDLimit

%RPD

1206768

25-Jun-12

Qual

Client:

Blagg Engineering

Project:

Prep Date:

Chloride

GCU 191E

Sample ID	MB-2457
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SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 2457

RunNo: 3549

Analysis Date: 6/19/2012

PQL

1.5

SeqNo: 99974

Units: mg/Kg

HighLimit

Result Analyte

6/19/2012

Sample ID LCS-2457

SampType: LCS

ND

TestCode: EPA Method 300.0: Anions

Client ID: LCSS

Batch ID: 2457

RunNo: 3549

Prep Date: 6/19/2012 Analyte

Analysis Date: 6/19/2012

SeqNo: 99975

Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 14 96.4 Chloride 1.5 15.00 90 110 0

SPK value SPK Ref Val %REC LowLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J 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

ND Not Detected at the Reporting Limit

Reporting Detection Limit

Page 2 of 1

Hall Environmental Analysis Laboratory, Inc.

WO#:

1206768

25-Jun-12

Client:

Blagg Engineering

Project:

GCU 191E

Sample ID MB-2455

SampType: MBLK

TestCode: EPA Method 418.1: TPH

Client ID: PBS Batch ID: 2455

RunNo: 3560

Prep Date: 6/19/2012 Analysis Date: 6/20/2012 **PQL**

SeqNo: 100455

Units: mg/Kg

SPK value SPK Ref Val %REC LowLimit HighLimit

%RPD **RPDLimit**

Qual

Petroleum Hydrocarbons, TR

Analyte

ND 20

Result

Result

110

SampType: LCS

TestCode: EPA Method 418.1: TPH

Sample ID LCS-2455

RunNo: 3560

115

Units: mg/Kg

Client ID:

Prep Date: 6/19/2012

LCSS

Batch ID: 2455 Analysis Date: 6/20/2012

20

SeqNo: 100456

Analyte

PQL

SPK value SPK Ref Val %REC

0

LowLimit HighLimit 87.8

RPDLimit

Qual

Qual

Petroleum Hydrocarbons, TR

Client ID:

SampType: LCSD

TestCode: EPA Method 418.1: TPH

RunNo: 3560

105

Prep Date:

Sample ID LCSD-2455

LCSS02 6/19/2012

Batch ID: 2455 Analysis Date: 6/20/2012

SeqNo: 100457

Units: mg/Kg

Analyte

SPK value SPK Ref Val %REC 0

LowLimit

%RPD

%RPD

RPDLimit

Petroleum Hydrocarbons, TR

Result PQL 100

100.0

100.0

103

87.8

HighLimit 115

2.44

8.04

Qualifiers:

R

Value exceeds Maximum Contaminant Level.

Value above quantitation range Ē

Analyte detected below quantitation limits RPD outside accepted recovery limits

Analyte detected in the associated Method Blank В

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

RL Reporting Detection Limit Page 3 of 1

Hall Environmental Analysis Laboratory, Inc.

WO#:

1206768

25-Jun-12

Client:

Blagg Engineering

Project:

GCU 191E

Sample ID MB-2464	SampType: MBLK			TestCode: EPA Method 8015B: Diesel Range Organics							
Client ID: PBS	Batch ID: 2464			F	RunNo: 3	542					
Prep Date: 6/19/2012	Analysis Date: 6/20/2012			S	SeqNo: 9	9781	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	10		10.00		105	77.6	140				
Sample ID LCS-2464	SampType: LCS TestCode: EPA Method 8015B: Diesel Range Organics							Organics			
Client ID: LCSS	Batc	h ID: 24	64	F	RunNo: 3	542					

Sample ID LCS-2464	Tes	tCode: E	PA Method	8015B: Dies	el Range (ge Organics											
Client ID: LCSS Batch ID: 2464				F	RunNo: 3	542											
Prep Date: 6/19/2012	Analysis Date: 6/20/2012			S	SeqNo: 9	9782	Units: mg/Kg										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual							
Diesel Range Organics (DRO)	48	10	50.00	0	96.0	52.6	130										
Surr: DNOP	4.4		5.000		87.1	77.6	140										

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

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 1

Hall Environmental Analysis Laboratory, Inc.

WO#:

1206768

25-Jun-12

Client:

Blagg Engineering

Project:

GCU 191E

Sample ID MB-2465	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8015B: Gasoline Range						
Client ID: PBS	Batc	h ID: 24	65	F	RunNo: 3	575			-		
Prep Date: 6/19/2012	Analysis Date: 6/20/2012			S	SeqNo: 1	00735	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		1000		91.8	69.7	121				

Sample ID LCS-2465	Samp1	ype: LC	 :s	Tes	tCode: E	PA Method	Method 8015B: Gasoline Range						
Client ID: LCSS	Batcl	n ID: 24	65	F	RunNo: 3	575							
Prep Date: 6/19/2012	Analysis D	Analysis Date: 6/20/2012			SeqNo: 1	00736	Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	98.5	133						
Surr: BFB	980		1000		97.9	69.7	121						

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

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 1

Hall Environmental Analysis Laboratory, Inc.

WO#: 1:

1206768

25-Jun-12

Client:

Blagg Engineering

Project:

GCU 191E

Sample ID MB-2465	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batc	n ID: 24	65	RunNo: 3575						
Prep Date: 6/19/2012	Analysis Date: 6/20/2012			S	SeqNo: 100903 Units: mg/K					
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	0.93		1.000		93.5	80	120			

Sample ID LCS-2465	Samp	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batc	h ID: 24	65	F							
Prep Date: 6/19/2012	Analysis Date: 6/20/2012			\$	SeqNo: 100904			(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.0	0.050	1.000	0	99.8	83.3	107				
Toluene	0.98	0.050	1.000	0	97.5	74.3	115				
Ethylbenzene	0.94	0.050	1.000	0	94.1	80.9	122				
Xylenes, Total	2.8	0.10	3.000	0	94.1	85.2	123				
Surr: 4-Bromofluorobenzene	0.97		1.000		97.3	80	120				

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 6 of 1



Half 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: BLAGG Work Order Number: 1206768 Received by/date 6/19/12 6/19/2012 9:50:00 AM Logged By: (Mangin Completed By: 6/19/2012 10:26:04 AM Indsay Mangin Reviewed By: Chain of Custody 1. Were seals intact? No Not Present ♥ 2. Is Chain of Custody complete? No Not Present ZQV 3. How was the sample delivered? Courier Log In 4 Coolers are present? (see 19, for cooler specific information) NA 5 Was an attempt made to cool the samples? NA NA 6. Were all samples received at a temperature of >0° C to 6.0°C 7. Sample(s) in proper container(s)? 8. Sufficient sample volume for indicated test(s)? Nο 9. Are samples (except VOA and ONG) properly preserved? Yes NA 10 Was preservative added to bottles? No No VOA Vials ✔ 11. VOA vials have zero headspace? No Yes 12. Were any sample containers received broken? No # of preserved 13. Does paperwork match bottle labels? No bottles checked (Note discrepancies on chain of custody) for pH: (<2 or >12 unless noted) 14. Are matrices correctly identified on Chain of Custody? No Adjusted? 15. Is it clear what analyses were requested? No 16. Were all holding times able to be met? (If no, notify customer for authorization.) Checked by: Special Handling (if applicable) 17. Was client notified of all discrepancies with this order? Yes No ✓ NA Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 18. Additional remarks: 19. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No



