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

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

Form C-144 Revised June 6, 2013

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

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

Pit, Below-Grade Tank, or Proposed Alternative Method Permit or Closure Plan Application
Type of action: Below grade tank registration Oll. CONS. DIV DIST. 3
Permit of a pit or proposed alternative method Closure of a pit, below-grade tank, or proposed alternative method Modification to an existing permit/or registration Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method
Instructions: Please submit one application (Form C-144) per individual pit, 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: W. D. Heath A 3A
API Number: 3004524192 OCD Permit Number:
U/L or Qtr/Qtr C Section 17 Township 29N Range 9W County: San Juan
Center of Proposed Design: Latitude 36.72968 Longitude -108.80567 NAD: ☐1927 ☐ 1983 Surface Owner: ☐ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment Io7.80567 TK 10/5/2015
Pit: Subsection F, G or J of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Multi-Well Fluid Management Low Chloride Drilling Fluid yes no Lined Unlined Liner type: Thickness mil LLDPE HDPE PVC Other
Liner Seams: Welded Factory Other Volume: bbl Dimensions: L x W x D
3. Secondary containment with leak detection Subsection I of 19.15.17.11 NMAC Tank #2 Volume: 95.0 bbl Type of fluid: Produced water Tank Construction material: Steel Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
☐ Visible sidewalls and liner ☐ Visible sidewalls only ☐ Other Single walled/single bottomed; side walls not visible
Liner type: Thicknessmil
4. Alternative Method:

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

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						
6.						
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)						
☐ Screen ☐ Netting ☐ Other						
Monthly inspections (If netting or screening is not physically feasible)						
7. Signs: Subsection C of 19.15.17.11 NMAC	A THE LOCAL PROPERTY.					
12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers						
☐ Signed in compliance with 19.15.16.8 NMAC						
8.						
Variances and Exceptions: Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.						
Please check a box if one or more of the following is requested, if not leave blank: Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.						
Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.						
9,						
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accematerial are provided below. Siting criteria does not apply to drying pads or above-grade tanks.	ptable source					
General siting						
Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. (Does not apply to below grade tanks)	☐ Yes ☐ No					
- Written confirmation or verification from the municipality; Written approval obtained from the municipality						
Within the area overlying a subsurface mine. (Does not apply to below grade tanks) - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No					
Within an unstable area. (Does not apply to below grade tanks) - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological	☐ Yes ☐ No					
Society; Topographic map Within a 100-year floodplain. (Does not apply to below grade tanks)						
- FEMA map Below Grade Tanks						
Delow Grade Taliks						
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No					
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site						
Temporary Pit using Low Chloride Drilling Fluid (maximum chloride content 15,000 mg/liter)	(100 - 100)					
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site						

Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial	☐ Yes ☐ No						
application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site							
Within 100 feet of a wetland.							
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Temporary Pit Non-low chloride drilling fluid							
Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No						
Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application; - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 300 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Permanent Pit or Multi-Well Fluid Management Pit							
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa							
lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image							
Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of							
initial application NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No						
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 N Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc 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 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC 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. and 19.15.17.13 NMAC Previously Approved Design (attach copy of design) API Number: or Permit Number:	NMAC 15.17.9 NMAC						
II. Multi Wall Fluid Management Dit Chacklists Subsection B of 10 15 17 0 NMAC							
Multi-Well Fluid Management Pit Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the doc attached. Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC A List of wells with approved application for permit to drill associated with the pit. Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19. and 19.15.17.13 NMAC Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC							
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC							
Previously Approved Design (attach copy of design) API Number: or Permit Number:	WALL TO						

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 H₂S, Prevention Plan □ Emergency Response Plan 					
☐ Oil Field Waste Stream Characterization ☐ Monitoring and Inspection Plan ☐ Erosion Control Plan ☐ Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC					
Proposed Closure: 19.15.17.13 NMAC Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.					
Type: Drilling Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Multi-well F. Alternative Proposed Closure Method: Waste Excavation and Removal	uid Management Pit				
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					
14.					
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be closure plan. Please indicate, by a check mark in the box, that the documents are attached. □ Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC □ Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC □ Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) □ Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC □ Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	attached to the				
15.					
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable sour provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. F 19.15.17.10 NMAC for guidance.					
Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA				
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No				
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 NA					
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site					
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 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence to the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site					
Written confirmation or verification from the municipality; Written approval obtained from the municipality ☐ Yes ☐ No					
Vithin 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site Yes \sum No.					
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance					

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	
Within a 100-year floodplain.	☐ Yes ☐ No
- FEMA map	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan by a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.1 Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.1 Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC	11 NMAC 15.17.11 NMAC
Operator Application Certification: I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and believed.	ef.
Name (Print): Title:	
Signature: Date:	
e-mail address: Telephone:	
18. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment) OCD Representative Signature: Approval Date: 10/5/2 Title: OCD Permit Number:	2015
Closure Report (required within 60 days of closure completion): 19.15.17.13 NMAC Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not section of the form until an approved closure plan has been obtained and the closure activities have been completed. Closure Completion Date: 12/10/2008	
Closure Method: Waste Excavation and Removal On-Site Closure Method Alternative Closure Method Waste Removal (Closed-loc If different from approved plan, please explain.	op systems only)
21. Closure Report Attachment Checklist: Instructions: Each of the following items must be attached to the closure report. Please into mark in the box, that the documents are attached. Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure for private land only) Plot Plan (for on-site closures and temporary pits) Confirmation Sampling Analytical Results (if applicable) Waste Material Sampling Analytical Results (required for on-site closure) Disposal Facility Name and Permit Number	dicate, by a check

Operator Closure Certification:	
I hereby certify that the information and attachments submitted with this obelief. I also certify that the closure complies with all applicable closure	closure report is true, accurate and complete to the best of my knowledge and requirements and conditions specified in the approved closure plan.
Name (Print): Steve Moskal	Title: Field Environmental Coordinator
Signature: Month	Date: September 1, 2015
e-mail address: steven.moskal@bp.com	Telephone:(505) 326-9497

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN, NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

W. D. Heath A 3A <u>API No. 3004524192</u> Unit Letter C, Section 17, 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

- 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 BGT notice requirements at that time.
- 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 BGT notice requirements at that time.
- 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 95 bbl BGT	Release Verification (mg/Kg)	Sample 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	86.4
Chlorides	US EPA Method 300.0 or 4500B	250 or background	65.0

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 for laboratory analysis of TPH, BTEX and chloride with results below the stated limits.

- 7. BP shall notify the division District III office of its results on form C-141. C-141 is attached.
- If it is determined that a release has occurred, then BP will comply with 19.15.30 NMAC and 19.15.29 NMAC, as appropriate.
 Laboratory results indicate no significant release has 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 of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

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 of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

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 of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

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 of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

 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.

The area of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

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.

The area of the BGT was removed and the area beneath was backfilled with clean soil. The well has been plugged and abandoned and the area has been reclaimed and released by the NMOCD.

- 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 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

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

			Rele	ease Notific	cation	and Co	rrective A	ction			
						OPERA'	FOR		☐ Initi	al Report	eport
Name of Company: BP			Contact: Ste	ve Moskal							
		Court, Farm	ington, N	M 87401		Telephone N	No.: 505-326-94	197			
Facility Nar	ne: W. D.	Heath A 3A				Facility Typ	e: Natural gas v	vell	Man en		9
Surface Ow	ner: Feder	al		Mineral C)wner:	Federal			API No	. 3004524192	
				LOCA	TIO	N OF REI	EASE				
Unit Letter	Section	Township	Range	Feet from the	Andrea and the same of	South Line	Feet from the	East/W	est Line	County: San Juan	
C	17	29N	9W	1,100'	North		1,520	West			
		Lati	itude3	5.72968		Longitude	-108.80567				
				NAT	URE	OF RELI	EASE				
Type of Rele	ase: Minor	produced wat	er/condens			Contract to the same of the same of	Release: unknow	'n	Volume	Recovered: unknown	
Source of Re					JEST MI	Date and H	our of Occurrence	e: N/A	Date and	d Hour of Discovery: N/A	
Was Immedia	ate Notice (If YES, To	Whom?	-	1000		
			Yes	No Not Re	equired						57
By Whom?		Here West				Date and H				THE RESERVE OF THE PARTY OF THE	The l
Was a Water	course Read		Yes 🛛	No		If YES, Vo	lume Impacting t	he Water	rcourse.		
If a Watanaay	T	mantad Dagan	ile a Faulla d		H-0						
If a Watercou	irse was im	pacted, Descr	ibe rully.								180
											176
Describe Cau	se of Probl	em and Reme	dial Action	n Taken.							300
During remov	val of a belo	ow grade tank	(95 bbl: T	ank 2), soil was s	ampled	with no impa	cts noted.				
	6 8 6										
Describe Are	a Affected	and Cleanup I	Action Tak	ten.							19
During remov	val of a belo	w grade tank	, soil was	sampled to detern	nine if a	release had o	ccurred. The atta	ched lab	oratory res	sults indicate no significant	1
				reclaimed as the							19
I haraby carti	fy that the	nformation of	van above	is true and somn	lata to th	na hast of my	knowladge and u	ndereton	d that pure	suant to NMOCD rules and	
										eases which may endanger	
										ieve the operator of liability	200
should their o	perations h	ave failed to a	adequately	investigate and r	emediate	e contaminati	on that pose a thre	eat to gro	ound water	, surface water, human healt	h
				tance of a C-141	report de	oes not reliev	e the operator of i	responsib	oility for c	ompliance with any other	
federal, state,	or local lav	vs and/or regu	ılations.				OH COM	CEDI	TION	DIVIGIONI	
	12						OIL CON	SERV	ATION	DIVISION	
Signature:	10	me)								N.
Printed Name	: Steve Mo	skal				Approved by	Environmental Sp	pecialist:			
Title: Field E			NT.			Approval Dat	a•	E	xpiration	Date:	1
riue, Field E	nvironment	ai Coordinato	1		4	Approvai Dai	0.	E	Apiration .	Date.	
E-mail Addre	ss: steven.r	noskal@bp.co	om			Conditions of	Approval:				
	y Lane				Attached						
Date: Septen	ber 1, 201:	5	Phon	e: 505-326-9497		1 1 1 1 1	1 7 2 1 9		15.00		

^{*} Attach Additional Sheets If Necessary

CLIENT: BP P.	BLAGG ENGINEERING, INC. O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API#: 3004524192
	RGT CONFIRMATION) TEMP. PIT CLOSURE / RELEASE INVESTIGATION other)	PAGE No:1 of1
SITE INFORMATION:	SITE NAME: W.D. HEATH A #3A	DATE STARTED: 12/02/08
QUAD/UNIT: C SEC: 17 TWP: 2	9N RNG: 9W PM: NM CNTY: SJ ST: NM	DATE FINISHED:
QTR-QTR/FOOTAGE: 1,100'N / 1,5	20'W NE/NW EASE TYPE: FEDERAL STATE / FEE / I	
LEASE #: SF076337 PRO	D. FORMATION: MV CONTRACTOR: L&L	SPECIALIST: JCB
REFERENCE POINT:	WELL HEAD (W.H.) GPS COORD.: 36.72943	X 107.80556 GLELEV.: 5,657'
1) 95 BGT #1 (SW/SB) GPS	COORD.: 36.72939 X 108.80591	DISTANCE/BEARING FROM W.H.: 108', S78W
2) 95 BGT #2 (SW/SB) GPS	COORD.: 36.72968 X 108.80567	DISTANCE/BEARING FROM W.H.: 96', N22W
3) GPS	COORD.:	DISTANCE/BEARING FROM W.H.:
4) GPS	COORD.:	DISTANCE/BEARING FROM W.H.:
	COORD.:	DISTANCE/BEARING FROM W.H.:
LAB INFORMATION:	CHAIN OF CUSTODY RECORD(S): ENVIROT	
1) SAMPLE ID: 95 BGT #1 5 pt. @ 6'	SAMPLE DATE: 12/02/08 SAMPLE TIME: 0845	DE WALTSS: 418.1/8015D/8021D/4500B (CI)
2) SAMPLE ID: 95 BGT #2 5-pt. @ 5'	SAMPLE DATE: 12/02/08 SAMPLETIME: 0900	LAB ANALYSIS: 418.1/8015B/8021B/4500B (CI)
3) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME:	LAB ANALYSIS:
4) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME:	LAB ANALYSIS:
SOIL DESCRIPTION:	SAMPLE DATE: SAMPLETIME: SAMPL	LAB ANALYSIS:
COHESION (ALL OTHERS): NON COHESIVE SLIGHTLY COHE CONSISTENCY (NON COHESIVE SOILS): LOOSE PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESI DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRE MOISTURE: DRY SLIGHTLY MOIST MOIST / WET / SA	FIRM DENSE / VERY DENSE VE/MEDIUM PLASTIC / HIGHLY PLASTIC M / STIFF / VERY STIFF / HARD	MPOSITE # OF PTS. 5
Emerbol.		A STATE OF THE STA
EXCAVATION DIMENSIONS (if applicable):	NA ft. X NA ft. X NA ft.	cubic yards excavated (if applicable):
SITE SKETCH	95 BGT#2	PLOT PLAN
	PBGTL T.B. @ 5' X X X BERM	circle: Attached
	B.G.	MISCELL. NOTES
		SW - SINGLE WALLED
	FENCE	SB - SINGLE BOTTOM
		SIDEWALLS NOT VISIBLE
		FROM EITHER BOT
		AV. The second telephone
	⊕ WELL HEAD	AND DESCRIPTION OF STREET
		DD.
NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION	X - S N DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~= APPROX	
T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELC	WAGRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINII	MAGNETIC DECLINATION @ 13.5°E
TRAVEL NOTES: CALLOUT:	ONSITE: 12/02/08	



EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

			The second secon
Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT #2 5-pt @ 5'	Date Reported:	12-10-08
Laboratory Number:	48374	Date Sampled:	12-02-08
Chain of Custody No:	5850	Date Received:	12-03-08
Sample Matrix:	Soil	Date Extracted:	12-05-08
Preservative:	Cool	Date Analyzed:	12-05-08
Condition:	Intact	Analysis Needed:	TPH-418.1

		Det.
	Concentration	Limit
Parameter	(mg/kg)	(mg/kg)

Total Petroleum Hydrocarbons

86.4

5.0

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

W.D. Heath A #3A.

UntoRom

Analyst

Mustum m Walters



EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT #2 5-pt @ 5'	Date Reported:	12-10-08
Laboratory Number:	48374	Date Sampled:	12-02-08
Chain of Custody No:	5850	Date Received:	12-03-08
Sample Matrix:	Soil	Date Extracted:	12-08-08
Preservative:	Cool	Date Analyzed:	12-09-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0,2

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

W.D. Heath A #3A

Analyst

Review

Ph (505) 632-0615 Fr (800) 362-1879 Fx (505) 632-1865 lab@envirotech-inc.com envirotech-inc.com



EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/BP	Project #:	94034-0010
Sample ID:	95 BGT #2 5-pt @ 5'	Date Reported:	12-10-08
Laboratory Number:	48374	Date Sampled:	12-02-08
Chain of Custody:	5850	Date Received:	12-03-08
Sample Matrix:	Soil	Date Analyzed:	12-09-08
Preservative:	Cool	Date Extracted:	12-08-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)	
Benzene	ND	0.9	
Toluene	ND	1.0	
Ethylbenzene	ND	1.0	
p,m-Xylene	ND	1.2	
o-Xylene	ND	0.9	
Total BTEX	ND		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	97.0 %
	1,4-difluorobenzene	97.0 %
	Bromochlorobenzene	97.0 %

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA,

December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846,

USEPA, December 1996.

Comments:

W.D. Heath A #3A

Analyst

Review



Chloride

Client: Sample ID: Lab ID#: Sample Matrix: Preservative:

Condition:

Blagg/BP 95 BGT #2 5-pt @ 5'

48374

Soil Cool Intact Project #: Date Reported:

Date Sampled: Date Received: Date Analyzed:

Chain of Custody:

12-10-08 12-02-08 12-03-08 12-09-08 5850

94034-0010

Parameter

Concentration (mg/Kg)

Total Chloride

65.0

Reference:

U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983. Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments:

W.D. Heath A #3A.

Analyst DEmm

Mister Waster

CHAIN OF CUSTODY RECORD

5850

Client: Buaco / BP			Project Name / L											ANAL	YSIS	/ PAF	AME	TERS			
Client Address:			Sampler Name:				White the same of		3015)	18021)	8260)	SO SO									
Client Phone No.:			Client No.: 94034 -						TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion		TCLP with H/P		(118.1)	HDE		S Cool	Sample Intact
Sample No./ Identification	Sample Date	Sampl	I ah No	A CONTRACTOR OF THE PARTY OF TH	Sample Matrix	No./Volume of Containers	Pres HgQ,	ervative HCI	TPH()	BTEX	voc (I	HCRA	Cation	RCI	TCLP	PAH	TPH (418.1)	CHLORIDE		Sample Cool	Sample
95 BOT #1 5-PC 86"	19/2/08	0845	48373	Soild	Sludge Aqueous	1-402			يد	v		8.3					×	~		X	×
				Soil Solid	Sludge Aqueous							6									
95 BUT #2 5 Pt e 5	(c	0900	48374	Solid Solid	Sludge Aqueous	1-402			×	×							×	¥		X	X
				Soil Solid	Sludge Aqueous						100										
				Soil Solid	Sludge Aqueous																
				Soil Solid	Sludge Aqueous	7															
				Soil Solid	Sludge Aqueous																
				Solid Solid	Sludge Aqueous							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
				Soil Solid	Sludge Aqueous																
				Soil Solid	Sludge Aqueous																
Relinquished by: (Sign Relinquished by: (Sign	Slyc				Date IZ/3/58	Time (305		ecely	ed by:	(Sign	ature)							Date 12-3-08		ime
Relinquished by: (Sign	nature)							ecelv	ed by:	(Sign	ature)									
Relinquished by: (Sign	nature)			1174			R	eceiv	ed by:	(Sign	ature)									

ENVIROTECH INC.

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615



EPA METHOD 418.1 TOTAL PETROLEUM HYROCARBONS QUALITY ASSURANCE REPORT

Client:		QA/QC		Project #:		N/A
Sample ID:		QA/QC		Date Reported		12-09-08
Laboratory Numbe	r	12-05-TPH.QA/	QC 48392	Date Sampled		N/A
Sample Matrix:	MIN ZON	Freon-113		Date Analyzed		12-05-08
Preservative:		N/A		Date Extracted	i:	12-05-08
Condition:		N/A		Analysis Need	ed:	TPH
Calibration	I-Cal Date 12-03-08	C-Cal Date 12-05-08	I-Cal RF: 1,590	C-Cal RF: 1,520	% Difference 4.4%	Accept. Range +/- 10%
Blank Conc. (m	g/Kg)		Concentration		Detection Lim	it
TPH			ND		31.8	
Duplicate Conc	. (mg/Kg)		Sample	Duplicate	% Difference	Accept. Range
TPH			83.9	89.0	6.1%	+/- 30%
Spike Conc. (m	a/Ka)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
ТРН		83.9	2,000	1,970	94.5%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References:

Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water

and Waste, USEPA Storet No. 4551, 1978.

Comments:

QA/QC for Samples 48367, 48369 - 48374 and 48392.

Analyst

Phristin on Westers



EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Quality Assurance Report

Olicak	04/00		6.4.4.		NIZA
Client:	QA/QC 12-09-08 QA/	00	Project #:		N/A 12-10-08
Sample ID:	77.77	uc	Date Reported:		The state of the s
Laboratory Number:	48361	442	Date Sampled: Date Received:		N/A N/A
Sample Matrix: Preservative:	Methylene Chlo N/A	ride	THE CAME STORY		12-09-08
Condition:	N/A		Date Analyzed: Analysis Reques	sted:	TPH
	(-Cal Date	I-Cal-RF:	C-Cal RF:	% Difference	Accept Ran
Gasoline Range C5 - C10	05-07-07	1.0005E+003	1.0009E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0029E+003	1.0033E+003	0.04%	0 - 15%
Blank Conc. (mg/L - mg/Kg)		Concentration		Detection Limit	
Gasoline Range C5 - C10		ND		0.2	
Diesel Range C10 - C28		ND		0.1	6 / 31
Total Petroleum Hydrocarbons		ND		0.2	
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept Range	
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%	
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%	
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Ran
Gasoline Range C5 - C10	ND	250	246	98.4%	75 - 125%
Diesel Range C10 - C28	ND	250	248	99.2%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References:

Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste,

SW-846, USEPA, December 1996.

Comments:

QA/QC for Samples 48361, 48362, and 48371 - 48376.

Analyst

Review



AROMATIC VOLATILE ORGANICS

Sample ID: Laboratory Number: Sample Matrix: Preservative: Condition:	1 4 5	N/A 2-09-BT QA/QC 18361 Soil N/A N/A		Project #: Date Reported: Date Sampled: Date Received; Date Analyzed: Analysis:		N/A 12-10-08 N/A N/A 12-09-08 BTEX
Calibration and Detection Limit	ts (ug/L)	I-Cal RF:	C-Cal RF: Accept Rang	%Diff. ge 0 - 15%	Blank Conc	Detect.
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene		1.5115E+006 1.4586E+006 1.3301E+006 3.2504E+006 1.3937E+006	1.5146E+006 1.4615E+006 1.3327E+006 3.2569E+006 1.3965E+006	0.2% 0.2% 0.2% 0.2% 0.2%	ND ND ND ND ND	0.1 0.1 0.1 0.1 0.1
Duplicate Conc.	(ug/Kg)	Sample'	Duplicate	%Diff.	Accept Range	Detect, Lin
Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene		4.7 13.1 6.1 48.8 8.6	4.5 13.5 6.0 48.7 8.6	4.3% 3.1% 1.6% 0.2% 0.0%	0 - 30% 0 - 30% 0 - 30% 0 - 30% 0 - 30%	0.9 1.0 1.0 1.2 0.9
			712	191210	7 77 10	0.3
	(g)			Spiked Sample	% Recovery	Accept Rang
Spike Conc. (ug/ Benzene	Kg),					
Spike Conc. (ug/ Benzene	Kg)	Sample 4.7 13.1	Amount Spiked 50.0 50.0	Spiked Sample 52.7 61.8	% Recovery 96.3% 97.9%	Accept Rang 39 - 150 46 - 148
Spike Conc. (ug/ Benzene Toluene Ethylbenzene	Kg),	4.7 13.1 6.1	Amount Spiked 50.0 50.0 50.0	Spiked Sample 52.7 61.8 54.1	% Recovery 96.3% 97.9% 96.4%	39 - 150 46 - 148 32 - 160
Spike Conc. (vg/ Benzene Toluene	Kg)	Sample 4.7 13.1	Amount Spiked 50.0 50.0	Spiked Sample 52.7 61.8	% Recovery 96.3% 97.9%	Accept Rang 39 - 150 46 - 148
Spike Conc. (ug/ Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	Kg),	4.7 13.1 6.1 48.8 8.6	50.0 50.0 50.0 50.0 100	Spiked Sample. 52.7 61.8 54.1 144	96.3% 97.9% 96.4% 96.5%	39 - 150 46 - 148 32 - 160 46 - 148
Spike Conc. (ug/ Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene		4.7 13.1 6.1 48.8 8.6 letection limit.	50.0 50.0 50.0 100 50.0	52.7 61.8 54.1 144 61.0	96.3% 97.9% 96.4% 96.5% 104%	39 - 150 46 - 148 32 - 160 46 - 148
Spike Conc. (ug/ Benzene Toluene Ethylbenzene p,m-Xylene o-Xylene	detected at the stated of Method 5030B, Purge December 1996. Method 8021B, Aroma	4.7 13.1 6.1 48.8 8.6 letection limit. -and-Trap, Test Metholic and Halogenated Electrolytic Conduction	50.0 50.0 50.0 100 50.0 ods for Evaluating Solvolatiles by Gas Chrivity Detectors, SW-8	Spiked Sample 52.7 61.8 54.1 144 61.0 olid Waste, SW-846,	% Recovery 96.3% 97.9% 96.4% 96.5% 104% USEPA	39 - 150 46 - 148 32 - 160 46 - 148
Spike Conc. (ug/ Benzene Toluene Ethylbenzene o,m-Xylene o-Xylene	detected at the stated of Method 5030B, Purge December 1996. Method 8021B, Aroma Photoionization and/or	4.7 13.1 6.1 48.8 8.6 letection limit. -and-Trap, Test Metholic and Halogenated Electrolytic Conduction	50.0 50.0 50.0 100 50.0 ods for Evaluating Solvolatiles by Gas Chrivity Detectors, SW-8	Spiked Sample 52.7 61.8 54.1 144 61.0 olid Waste, SW-846,	% Recovery 96.3% 97.9% 96.4% 96.5% 104% USEPA	39 - 150 46 - 148 32 - 160 46 - 148



