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

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

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

<u>Pit, Closed-Loop System, Below-Grade Tank, or</u> <u>Proposed Alternative Method Permit or Closure Plan Application</u>

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
lease 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 avironment. 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 DEC 2 0 2018
STOREVICE OND
API Number: 3004521112 OCD Permit Number:
U/L or Qtr/Qtr D Section 34.0 Township 28.0N Range 08W County: San Juan County
Center of Proposed Design: Latitude
Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
Pit: Subsection F or G of 19.15.17.11 NMAC Temporary: Drilling Workover Permanent Emergency Cavitation P&A Lined Unlined Liner type: Thicknessmil LLDPE HDPE PVC Other String-Reinforced Liner Seams: Welded Factory Other Volume: bbl Dimensions: Lx Wx D 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: Thicknessmil LLDPE HDPE PVC Other Liner Seams: Welded Factory Other
X Below-grade tank: Subsection I of 19.15.17.11 NMAC Tank ID: A Volume: 45.0 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 DOUBLE BOTTOMED Liner type: Thickness mil HDPE PVC Other
5. Alternative Method:

22

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

6.	
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)	it-1
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, h institution or church)	iospiiai,
Four foot height, four strands of barbed wire evenly spaced between one and four feet	
Alternate. Please specify	
7.	
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks)	
Screen Netting Other	
Monthly inspections (If netting or screening is not physically feasible)	
8. Signs: Subsection C of 19.15.17.11 NMAC	
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers	
Signed in compliance with 19.15.16.8 NMAC	
Signed in compliance with 17.15.10.6 NAME	
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 o consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.	office for
Siting Criteria (regarding permitting): 19.15.17.10 NMAC Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accept material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the approp office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of ap Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying above-grade tanks associated with a closed-loop system.	priate district pproval.
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) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	Yes No
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	Yes No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	Yes No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	Yes No
Within a 100-year floodplain FEMA map	☐ Yes ☐ No

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 19.15.17.11 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: or Permit Number:
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) □ 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)
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 Quality Control/Quality Assurance Construction and Installation Plan Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.11 NMAC Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan Gil Field Waste Stream Characterization Monitoring and Inspection Plan Erosion Control 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)
Maste 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.) Instructions: Please indentify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if			
facilities are required. Disposal Facility Name: Disposal Facility Permit Number:			
Disposal Facility Name: Disposal Facility Permit Number:			
Will any of the proposed closed-loop system operations and associated activities occur on or in areas that <i>will not</i> be used for future ser 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	С		
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 may require administrative approval from the appropriate distributed an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Just demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.	rict office or may be		
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA		
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	Yes No		
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No ☐ NA		
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	Yes No		
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	☐ Yes ☐ No		
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	Yes No		
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	Yes No		
Within 500 feet of a wetland. - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No		
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No		
 Within an unstable area. Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map 	☐ Yes ☐ No		
Within a 100-year floodplain FEMA map	☐ Yes ☐ No		
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 Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F 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 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): Title:
Signature: Date:
e-mail address: Telephone:
20. OCD Approval: Permit Application (including closure plan) Closure Plan (only) OCD Conditions (see attachment)
OCD Representative Signature: Approval Date: 1212412018
Title: Env: ronmental Specel St OCD Permit Number:
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.
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 Permit Number:
Disposal Facility Name: Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed on or in areas that <i>will not</i> 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
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) ○ On-site Closure Location: Latitude
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): Steve Moskal Title: Field Environmental Coordinator
Signature:
e-mail address: steven.moskal@bpx.com Telephone: 505-330-9179

Page 5 of 5

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):	Title:		
Signature:	Date:		
e-mail address:	Telephone:		

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

State of New Mexico Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party						
Responsible	Party BP A	America Produ	ction Compan	y OGRID 7	778	
Contact Name Steve Moskal				Contact T	Contact Telephone (505) 330-9179	
Contact emai	Steven.	Moskal@bpx.c	com	Incident #	# (assigned by OCD)	
Contact mail	ing address	380 North Air	port Road, Du	rango, CO 813	1303	
			Location	of Release S	Source	
Latitude	36.	62290		Longitude	-107.67449	
			(NAD 83 in deci	mal degrees to 5 decir	rimal places)	
Site Name S'	TOREY I	LS 009		Site Type	e Natural Gas Well	
Date Release	Discovered			API# (if app	pplicable) 30-045-21112	
TT '. T	G .:	T 1:	D			
Unit Letter	Section	Township	Range	Cour		
D	D 34 28N 08W San Juan			Juan		
Surface Owner: State Federal Tribal Private (Name:) Nature and Volume of Release						
Crude Oil		l(s) Released (Select al Volume Release		calculations or specific	volume Recovered (bbls)	
Produced		Volume Release			Volume Recovered (bbls)	
			ion of dissolved ch	loride in the	☐ Yes ☐ No	
Condensa			Volume Recovered (bbls)			
☐ Natural G	as	Volume Release	d (Mcf)		Volume Recovered (Mcf)	
Other (de:	scribe)	Volume/Weight	Released (provide	units)	Volume/Weight Recovered (provide units)	
Cause of Release TPH, BTEX, & chloride all below below-grade tank (BGT) permit closure standards.						

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	isible party consider this a major release?
☐ Yes ⊠ No		
If YES, was immediate no	totice given to the OCD? By whom? To wh	nom? When and by what means (phone, email, etc)?
Not required.		
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediately	y unless they could create a safety hazard that would result in injury
The source of the rela	ease has been stopped.	
	s been secured to protect human health and	the environment.
_		likes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Per 10 15 20 8 R (A) NIM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Steve	e Moskal	Title: Environmental Coordinator
Signature:		Date:
		Telephone:(505) 330-9179
OCD Only		
Received by:		Date:

BP AMERICA PRODUCTION COMPANY

SAN JUAN BASIN. NORTHWEST NEW MEXICO

BELOW-GRADE TANK CLOSURE PLAN

Storey LS # 9 - Tank ID: A

API #: 3004521112
Unit Letter D, Section 34, T28N, R08W

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.

Notice is attached.

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.

Notice was provided and documented in the attached email.

- 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/or sludge within 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 for recycling.

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
		(mg/Kg)	Results
Benzene	US EPA Method SW-846 8021B or 8260B	0.2	< 0.017
Total BTEX	US EPA Method SW-846 8021B or 8260B	50	< 0.069
TPH	US EPA Method SW-846 418.1	100	<49
Chlorides	US EPA Method 300.0 or 4500B	250 or background	<30

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 beneath the BGT was sampled for TPH, BTEX, and chloride. All test parameters were below the stated limits. A field and laboratory reports are 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 reveal no evidence of a 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, nonwaste 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.

Sampling results reveal no evidence of a release has occurred. Area was backfilled with clean, earthen material and is within the active well pad.

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 BGT area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

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 BGT area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

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 BGT area has been backfilled and will be reclaimed once the well has been plugged & abandoned.

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.

The BGT area has been backfilled and will be reclaimed once the well has been plugged & 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 re-vegetation.

BP will notify NMOCD when re-vegetation is successfully completed.

- 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 & contains a photo of the reclamation completion.

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.

RE: BP Pit Close Notification - STOREY LS 009

Farrah Buckley <Farrah.Buckley@bpx.com>
 To:Smith, Cory, EMNRD,Fields, Vanessa, EMNRD (Vanessa.Fields@state.nm.us)
 Cc:jeffcblagg@aol.com,blagg_njv@yahoo.com,Erin Dunman,Steven Moskal

Oct 12, 2018 3:45 PM

This is for the STOREY LS 009. Not the STOREY LS 009A.

I have updated the letter below.

From: Farrah Buckley

Sent: Friday, October 12, 2018 3:29 PM

To: Smith, Cory, EMNRD; Fields, Vanessa, EMNRD (Vanessa.Fields@state.nm.us)

Cc: jeffcblagg@aol.com; blagg_niv@yahoo.com; Erin Dunman; Steven.Moskal@BPX.COM

Subject: BP Pit Close Notification - HEATH GC N 001

October 12, 2018

BP America Production Company 380 Airport Rd Durango, CO 81303 Phone: (970) 247 6800

SENT VIA E-MAIL TO: CORY, SMITH@STATE.NM.US; VANESSA.FIELDS@STATE.NM.US

New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

RE: Notice of Proposed Below-Grade Tank (BGT) Closure

STOREY LS 009 API 30-045-21112 (D) Section 34 – T28N – R08W San Juan County, New Mexico

Dear Mr. Cory Smith and Mrs. Vanessa Fields,

In regards to the captioned subject and requirements of the NMOCD pit rule, this letter is notification that BP is planning to close a 45bbl BGT that will no longer be operational at this well site. We anticipate this work to start on or around October 17, 2018.

Should you have any questions, please feel free to contact BP.

Sincerely,

Steve Moskal BP Lower 48 – San Juan Field Environmental Coordinator Phone: (505) 330-9179

Farrah Buckley

BGT Project Support 970-946-9199 -cell

This email and any attachments are intended only for the addressee(s) listed above and may contain confidential, proprietary, and/or privileged information. If you are not an intended recipient, please immediately advise the sender by return email, delete this email and any attachments, and destroy any copies of same. Any unauthorized review, use, copying disclosure or distribution of this email and any attachments is prohibited.



380 Airport Rd Durango, CO 81303 Phone: (970) 247 6800

October 12, 2018

Bureau of Land Management Whitney Thomas 6251 College Suite A Farmington, NM 87402

VIA EMAIL

Re: Notification of plans to close/remove a below grade tank Well Name: STOREY LS 009

API# - 3004521112

Dear Mrs. Thomas,

As part of the NM "Pit Rule": 19.15.17.13 Closure Requirements, Paragraph J. BP America Production Company (BP) is required to notify the surface owner of BP's plans to close/remove a below grade tank. BP wishes to inform you of our plans to close/remove the below grade tank on its well pad located on your surface. BP plans to commence this work on or about October 17, 2018. If there aren't any unforeseen problems, the work should be completed within 10 working days.

As a point of clarification, BP will be closing the below grade tank and either operating without one or replacing it with an above ground tank, the well site will continue to operate.

If witnessing of the tank removal is required please contact me for a specific time (505)-330-9179.

Sincerely,

Steve Moskal BP Lower 48 – San Juan Field Environmental Coordinator

CLIENT: BP		NGINEERING, INC. LOOMFIELD, NM 874	113	API #: 300452	_
	(50	5) 632-1199		(if applicble):	Α
FIELD REPORT:	(circle one): BGT CONFIRMATION	RELEASE INVESTIGATION / OTHER:		PAGE #: 1	of
SITE INFORMATION	I: SITE NAME: STORE	Y LS #9		DATE STARTED: 10	0/17/18
QUAD/UNIT: D SEC: 34 TWP:	28N RNG: 8W PM:	NM CNTY: SJ ST:	NM	DATE FINISHED:	
1/4-1/4/FOOTAGE: 800'N / 870"	NW/NW LEASE T	YPE: FEDERAL STATE / FEE /	INDIAN	ENVIRONMENTAL	
LEASE #: SF078566	PROD. FORMATION: PC CO	STRIKE ONTRACTOR: BP - J. GONZAL	.ES	SPECIALIST(S):	NJV
REFERENCE POINT	-: WELL HEAD (W.H.) GPS	COORD.: 36.62290 X 10		GL ELEV.:	
1) 45 BGT (SW/DB)	GPS COORD.: 36	.62290 X 107.67449	DISTANCE/BEA	RING FROM W.H.: 23', I	V89.5W
2)	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	
3)	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	
	GPS COORD.:		DISTANCE/BEA	RING FROM W.H.:	OVM
SAMPLING DATA:	CHAIN OF CUSTODY RECORD(S) # C				READING (ppm)
1) SAMPLE ID: 5PC - TB @ 5' 2) SAMPLE ID:					NA
3) SAMPLE ID:					
4) SAMPLE ID:					
SOIL DESCRIPTION					
SOIL COLOR: MODE COHESION (ALL OTHERS): NON COHESIVE SLIGHTL CONSISTENCY (NON COHESIVE SOILS): LO MOISTURE: DRY / SLIGHTLY MOIST / WOIST /	DOSE (FIRM) DENSE / VERY DENSE ET / SATURATED / SUPER SATURATED # OF PTS5	PLASTICITY (CLAYS): NON PLASTIC / SLIGHT DENSITY (COHESIVE CLAYS & SILTS): : HC ODOR DETECTED: YES NO EXPLAN ANY AREAS DISPLAYING WETNESS: YES	SOFT / FIRM / ATION -	STIFF / VERY STIFF / HARD	1
SITE OBSERVATION APPARENT EVIDENCE OF A RELEASE OBSERVE EQUIPMENT SET OVER RECLAIMED AREA: OTHER: NMOCD OR BLM REPS. NOT PE	LOST INTEGRITY OF EQUIPMENT ED AND/OR OCCURRED: YES NO EXPL YES NO EXPLANATION -	ANATION:			
EXCAVATION DIMENSION ESTIMATION DEPTH TO GROUNDWATER: 50'< x <100'				FIMATION (Cubic Yards) : NMOCD TPH CLOSURE STD:	100 ppm
SITE SKETCH	BGT Located: off on sit				
	METER RUN WOODEN R.W.	S TEOTTEMY UNGO. un	N OWN	CALIB. READ. = NA CALIB. GAS = NA MISCELL. NO IO #: 1900400054 EF #: P-1002	
FENC	BERM PBGTL T.B. ~5' B.G.	₩.H.	P.	CD Appr. date(s): 08 OVM = Organic Vapor ppm = parts per millio	3/01/18 3/20/18 r Meter
		X - S	.P.D.	BGT Sidewalls Visible: \	1. 12/ 12/2
APPLICABLE OR NOT AVAILABLE; SW - SINGL	OW-GRADE TANK LOCATION; SPD = SAMPLE F E WALL; DW - DOUBLE WALL; SB - SINGLE BOT	POINT DESIGNATION; R.W. = RETAINING WALL; NA TOM; DB - DOUBLE BOTTOM.		BGT Sidewalls Visible: \ lagnetic declination:	
NOTES: GOOGLE FARTH IMAG	FRY DATE: 10/5/2016	ONICITE: 10/17/18			

Analytical Report

Lab Order 1810971

Date Reported: 10/19/2018

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: 5PC-TB @ 5' (45)

Project: Storey LS 9

Collection Date: 10/17/2018 11:35:00 AM

Lab ID: 1810971-001

Matrix: MEOH (SOIL) Received Da

Received Date: 10/18/2018 7:30:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed Bate	ch
EPA METHOD 300.0: ANIONS					Analyst: MR	A
Chloride	ND	30	mg/Kg	20	10/18/2018 11:37:31 AM 410)74
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst: Irm	1
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/18/2018 10:30:07 AM 4106	168
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/18/2018 10:30:07 AM 4106	68
Surr: DNOP	95.0	50.6-138	%Rec	1	10/18/2018 10:30:07 AM 4106	68
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSE	В
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	10/18/2018 9:37:46 AM 4106	163
Surr: BFB	90.9	15-316	%Rec	1	10/18/2018 9:37:46 AM 4106	63
EPA METHOD 8021B: VOLATILES					Analyst: NSE	В
Benzene	ND	0.017	mg/Kg	1	10/18/2018 9:37:46 AM 4106	163
Toluene	ND	0.034	mg/Kg	1	10/18/2018 9:37:46 AM 4106	163
Ethylbenzene	ND	0.034	mg/Kg	1	10/18/2018 9:37:46 AM 4106	63
Xylenes, Total	ND	0.069	mg/Kg	1	10/18/2018 9:37:46 AM 4106	63
Surr: 4-Bromofluorobenzene	96.3	80-120	%Rec	1	10/18/2018 9:37:46 AM 4106)63

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits Page 1 of 5
- P Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

CI	nain-c	of-Cus	stody Record	run-Around	11116	SAME	1			-	IΔ	8 1	F	M	/TE	20	NI	ME	NT	ΔΙ	
Client:	BLAG	G ENGR.	/ BP AMERICA	Standard	Rush	DAY)													TO		1
				Project Name			1										l.com				,
Mailing Ac	ldress:	P.O. BO	X 87		STOREY LS	# 9		49	01 H									7109			
		BLOOM	FIELD, NM 87413	Project #:				Te	1.50	05-34	15-3	975	Fax 505-345-4107								
Phone #:		(505) 63	2-1199									P	\nal	ysis	Rec	ques	st				10.0
email or F.	ax#:	70		Project Manag	ger:		A CAMPAGE AND ADDRESS OF THE PARTY OF THE PA	STATE OF THE PERSON NAMED IN	DANIEL LID			STATE SHAPE IN	RECOGNIZATE.	~	And his hort		Di Alexandri	1	Markin III Far awai		A CONTRACTOR OF THE PARTY OF TH
QA/QC Pad Standa			Level 4 (Full Validation)	STEVE MOSKAL (8 S0218)					(5)		O4,50.	PCB's			er - 300.1)	and common series and the common series	٩	Georgia (Frantis mendencjuga (Frantis ma			
Accreditati	ion:			Sampler:	NELSON VE	ELEZ	18 (BK	(688	RO /	F	=	ZOSIMS		202	8082			/ water	and the second	du	
_ NELAP		□ Other		On Ice:	XVes .	ONO 977	1	TPH	0/0	418	504	8770	100	03,1	~		1	300.D		e sa	or N)
EDD (T	ype)	1		Sample Temperature: 11,0,5				+	(GR	pou	pou		etal	S,	icide)A))/-Ir	1	0	posit	٥ ک
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX	STEX + MITBE	TPH 8015B	TPH (Method 418.1)	EDB (Method 504.	PAH (8310 or	RCRA 8 Metals	Anions (F,CI,NO2,NO2,PO4,SO4)	8081 Pesticides	8260B (VOA)	8270 (Semi-VOA)	Chloride (soil	Grab sample	5 pt. composite sample	r Bu
10/17/18	1135	\$OIL	5PC-TB@ 5 (45)	4 oz 1	Cool	-001	٧		٧									٧		V	1
													D-070						PEOPLE STREET		
																				\perp	
								<u></u>													
Date: 10/17/18	1500 Time	Relincuish	half	Received by:	lat 10	Date Time 150 0 Date Time	Remarks: BILL DIRECTLY TO BP USING THE CONTACT WITH CORRESPOND VID, REFERENCE & SIO #'s WHEN APPLICABLE; CONTACT: STEVE MOSKAL / VANCE HIXON VID: VHIXONEV11 SIO #: 190040005402			NICM	G										
717/15	1814	y, sample's s	ubmitted to Hall Environmental may be s	subsoniracied to other	W/A laboratorio	ONE Serves as notice of	Reference # P - 1002 of this possibility. Any sub-contracted data will be clearly noticed on the analytical report														

Hall Environmental Analysis Laboratory, Inc.

WO#:

1810971

19-Oct-18

Client:

Blagg Engineering

Project:

Storey LS 9

Sample ID MB-41074

SampType: mblk

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 41074

RunNo: 54970

Units: mg/Kg

Prep Date: 10/18/2018 Analyte

Analysis Date: 10/18/2018

SeqNo: 1828921

Qual

Chloride

Result

SPK value SPK Ref Val %REC LowLimit PQL

HighLimit

%RPD **RPDLimit**

ND 1.5

Sample ID LCS-41074

SampType: Ics

TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 41074

RunNo: 54970

SeqNo: 1828922

Units: mg/Kg

Prep Date: 10/18/2018 Analysis Date: 10/18/2018

PQL SPK value SPK Ref Val

0

%REC LowLimit HighLimit

RPDLimit Qual

Analyte Chloride

Result 14

1.5 15.00

95.8

90

110

%RPD

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

Reporting Detection Limit

J Analyte detected below quantitation limits

Page 2 of 5

P Sample pH Not In Range

RL

Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

Result

44

4.6

PQL

9.9

WO#:

1810971

19-Oct-18

Client:

Blagg Engineering

Project:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

Storey LS 9

Sample ID LCS-41068	SampTy	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch I	D: 41 0	068	F	RunNo: 5	4977				
Prep Date: 10/18/2018	Analysis Da	te: 10	/18/2018	8	SeqNo: 1	827010	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	81.0	70	130			
Surr: DNOP	4.4		5.000		87.1	50.6	138			
Sample ID MB-41068 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics										
Client ID: PBS	Batch I	D: 41 0	068	F	RunNo: 5	4977				
l .										
Prep Date: 10/18/2018	Analysis Dat	te: 10	/18/2018	S	SeqNo: 1	827012	Units: mg/K	(g		
Prep Date: 10/18/2018 Analyte		te: 10 PQL		SPK Ref Val	SeqNo: 1	827012 LowLimit	Units: mg/k	(g %RPD	RPDLimit	Qual
									RPDLimit	Qual
Analyte	Result	PQL							RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	Result	PQL 10							RPDLimit	Qual
Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO)	Result ND ND	10 50	SPK value	SPK Ref Val	%REC 88.2	LowLimit 50.6	HighLimit	%RPD		Qual
Analyte Diesel Range Organics (DRO) Motor Oil Range Organics (MRO) Surr: DNOP	Result ND ND 8.8	PQL 10 50	SPK value	SPK Ref Val	%REC 88.2	LowLimit 50.6 PA Method	HighLimit	%RPD		Qual

Sample ID	1810971-001AMSE) SampTy	pe: MS	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID:	5PC-TB @ 5' (45)	Batch	ID: 41	068	F	RunNo: 5	4977				
Prep Date:	10/18/2018	Analysis Da	ate: 10	0/18/2018	S	SeqNo: 1	827693	Units: mg/K	(g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range	Organics (DRO)	44	9.9	49.70	0	88.6	53.5	126	0.728	21.7	
Surr: DNOP		4.6		4.970		93.0	50.6	138	0	0	

0

%REC

88.88

92.6

LowLimit

53.5

50.6

HighLimit

126

138

%RPD

RPDLimit

Qual

SPK value SPK Ref Val

49.26

4.926

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

Page 3 of 5

P Sample pH Not In Range

RL Reporting Detection Limit

W Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

WO#:

1810971

19-Oct-18

Client:

Blagg Engineering

Project:

Storey LS 9

Sample ID MB-41063

SampType: MBLK

TestCode: EPA Method 8015D: Gasoline Range

15

15

Client ID:

PBS

Batch ID: 41063

PQL

5.0

RunNo: 54964

Prep Date: 10/17/2018 Analysis Date: 10/18/2018

ND

1100

SeqNo: 1827736

Units: mg/Kg

Analyte

Result

90.4

Surr: BFB

Gasoline Range Organics (GRO) Surr: BFB

900

1000

SPK value SPK Ref Val %REC LowLimit HighLimit %RPD

316

RPDLimit Qual

RPDLimit

Qual

Sample ID LCS-41063

LCSS

SampType: LCS

TestCode: EPA Method 8015D: Gasoline Range

%RPD

Client ID: Prep Date: 10/17/2018

Batch ID: 41063

Analysis Date: 10/18/2018

RunNo: 54964 SeqNo: 1827737

106

Units: mg/Kg

316

PQL SPK value SPK Ref Val %REC HighLimit Analyte Result LowLimit Gasoline Range Organics (GRO) 28 5.0 25.00 0 110 75.9 131

1000

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Page 4 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#:

1810971

19-Oct-18

Client:

Blagg Engineering

Project:

Storey LS 9

Sample ID MB-41063	Samp	SampType: MBLK TestCode: EPA Metho					8021B: Vola	tiles		
Client ID: PBS	Batc	h ID: 41	063	F	RunNo: 5	4964				
Prep Date: 10/17/2018	Analysis [Date: 10	0/18/2018	5	SeqNo: 1	827753	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.97		1.000		96.7	80	120			
Sample ID LCS-41063	Samp	Type: LC	s	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 41	063	F	RunNo: 5	4964				
Pren Date: 10/17/2018	Analysis [)ate: 10	1/18/2018	c	SeaNo: 1	92775 <i>A</i>	Unite malk	(a		

Client ID: LCSS	Batcl	n ID: 41	063	F	RunNo: 54	4964				
Prep Date: 10/17/2018	Analysis D	Date: 10	0/18/2018	S	SeqNo: 1	827754	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.2	77.3	128			
Toluene	0.96	0.050	1.000	0	96.1	79.2	125			
Ethylbenzene	0.97	0.050	1.000	0	97.2	80.7	127			
Xylenes, Total	2.9	0.10	3.000	0	97.6	81.6	129			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	80	120			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- **PQL** Practical Quanitative Limit
 - % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- Value above quantitation range
- J
- P Sample pH Not In Range
- RL Reporting Detection Limit
- Sample container temperature is out of limit as specified

Analyte detected below quantitation limits Page 5 of 5



Hall Environmental Analysis Laboratory 1960 Hyacking VI Albaquerque AM 87109

TEL 505-345-3975 FAX; \$05-345-4107 Website: www.hallenvaronmental.com

Sample Log-In Check List

Client Name	BLAGG	Work Order Numbe	r 181	0971			ReptNo	1
Received By	Victoria Zellar	10/18/2018 7:30:00 /	M		Vista	va g	Ya,	
Completed By	Isalah Ortiz	10/18/2018 7:51:54	M		I	2	-	
Reviewed By	JAB 10/18/18							. 1
,	210/10/18				LB		TO 1	0/18/18
Chain of Cus	stody							
	ustody complete?		Yes	~	No		Not Present	
2 How was the	sample delivered?		Cou	ner				
Login								
Log In 3 Was an attern	npt made to cool the samples?		Yes	~	Ne		NA .	
o. Who ar aren	ipt made to total the samples		165		40	Land	70	
4. Were all same	ples received at a temperature	of >0" C to 6.0"C	Yes	V	No		NA 🗆	
5. Sample(s) in i	proper container(s)?		Yes	~	No			
			7.00	Liza		house.		
6, Sufficient sam	ople volume for indicated test(s	13	Yes	V	No			
7 Are samples	except VOA and ONG) proper	y preserved?	Yes	V	No			
8. Was preserva	tive added to bottles?		Yes		No	V	NA	
9. VOA viais hav	e zero headspace?		Yes		No		No VOA Vials	
10 Were any san	mple containers received broke	n?	Yes		No	~		1 1,00
							# of preserved bottles checked	10/18/18
	ork match bottle labels? ancies on chain of custody)		Yes	1	No	1	for ph:	≥12 unless noted)
	correctly identified on Chain of	Custoov?	Yes	4	No	Li	Adjusted?	12 unicsa notes)
	t analyses were requested?	,	Yes		No			
	ng times able to be met?		Yes	promotes.	No		Checked by:	
(If na. notify cu	ustomer for authorization)							
Special Handl	ing (if applicable)							
15. Was client no	otified of all discrepancies with	this order?	Yes		No		NA 🗸	
Person	Notified:	Date						
By Who	om	Va	eM	ail	Phone	Fax	In Person	
Regardi	ing.	Character Strate Control of Contr						
Client In	nstructions							
15. Additional rer	marks.							
17. Cooler Infor	mation							
Cooler No	MANAGE THE SECOND SECON	ea Intact Seal No	Seal D	ate	Signed	Ву		
1	11 Good Ye	}		-				
2	0.5 Good Ye	Š.						



