

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

Incident ID	NCS2005837120
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

**DENIED**

Responsible Party: BP America Production Co.	OGRID: 778	Final
Contact Name: Steve Moskal	Contact Telephone: (505) 330-9179	
Contact email: steven.moskal@bpx.com	Incident # (assigned by OCD)	NCS2005837120
Contact mailing address: 1199 Main Street, Suite 101, Durango CO, 81301		

### Location of Release Source

Latitude: 36.70059° Longitude: -108.17689°  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Gallegos Canyon Unit 135	Site Type: Natural Gas Production Well Pad
Date Release Discovered: October 11, 2019	API#: 30-045-07885

Unit Letter	Section	Township	Range	County
F	26	T29N	R13W	San Juan

No Topomap/Siting Criteria/ Depth Water  
No Site Map/Sampling Map  
No Notice of Sampling to OCD  
Resubmit no later than 4/10/2020

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Bolack\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): <u>Unknown; historic</u>	Volume Recovered (bbls):
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls): <u>Unknown; historic</u>	Volume Recovered (bbls): <u>0 bbls</u>
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release:

Impacts were identified at the location on October 11, 2019 during a BGT closure following plugging and abandonment of the production well. The source of the impacts appeared historic, either being a former earthen pit of caused from pit overflow events prior to automation.

Form C-141

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation 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 within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: _____ Title: _____  Signature: _____ Date: _____  email: _____ Telephone: _____
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

Form C-141

Page 3

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

**Site Assessment/Characterization***This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141

State of New Mexico  
Oil Conservation Division

Page 5

Incident ID	
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved      ☐ Approved with Attached Conditions of Approval      ☐ Denied      ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Form C-141

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	
District RP	
Facility ID	
Application ID	

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Steve Moskal Title: Environmental Coordinator

Signature: 

Date: December 4, 2019

email: steven.moskal@bpx.com

Telephone: (505) 330-9179

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: **DENIED** Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

No Topomap/Siting Criteria Map/Depth to water  
No Site map/Sampling map  
Operator did not Include Notification of Closure Sampling

**BP America**  
**GCU 135**  
**(F) Sec 26 – T29N – R13W**  
**San Juan County, New Mexico**  
**API: 30-045-07885**

Summary Record of Impact Remediation

October 11, 2019 Soils impacted with hydrocarbons were encountered during closure of a 95 barrel below grade tank. Analytical laboratory testing of impacted soils immediately below the BGT at the 5' depth reported total petroleum hydrocarbons (TPH) at 162 ppm, total BTEX at non-detect (ND) and chlorides at 100 ppm. A sample collected outside the BGT footprint at the 3' depth on dense sandstone reported TPH at 3,540 ppm.

Site closure standard determined at 100 ppm TPH, 50 ppm total BTEX (with 10 ppm benzene) and 600 ppm Chlorides based on:

Horizontal Distance to Dry Water Course < 300 feet

Distance to Nearest Water Well > 1,000 feet

Depth to Groundwater > 100 feet

October 29, 2019 Initiate removal of impacts via excavation and transportation to JFJ commercial landfarm in San Juan County, NM

November 4, 2019 Conduct closure sampling on base and eastern extent of excavation, with analytical results as follows:

Closure Sampling Test Results  
November 4, 2019

Sample ID	5-pt Comp. Depths	Time	Field OVM (ppm)	BTEX (mg/Kg)	Benzene (mg/Kg)	TPH GRO (mg/Kg)	TPH DRO (mg/Kg)	TPH MRO (mg/Kg)	TPH (GRO +DRO) (mg/Kg)	TPH Total (mg/Kg)	Cl- (mg/Kg)
Base 1	12'	12:00	1.1	ND	ND	ND	ND	ND	ND	ND	133
Base 2	12'	12:11	0.5	ND	ND	ND	ND	ND	ND	ND	75.3
Base 3	12'	12:17	0.2	ND	ND	ND	ND	ND	ND	ND	134
Base 4	12'	12:20	0.3	ND	ND	ND	ND	ND	ND	ND	178
Base 5	12'	12:23	1.7	ND	ND	ND	ND	ND	ND	ND	131
Base 6	12'	12:26	1.5	ND	ND	ND	ND	ND	ND	ND	85.9
Base 7	12'	12:31	1.0	ND	ND	ND	ND	ND	ND	ND	137
Sidewall 1	3'-10'	12:41	1.1	ND	ND	ND	ND	ND	ND	ND	161
Sidewall 2	3'-10'	12:45	0.6	ND	ND	ND	ND	ND	ND	ND	79.6
Sidewall 3	3'-10'	12:48	0.4	ND	ND	ND	ND	ND	ND	ND	ND
Sidewall 4	3'-10'	12:53	1.0	ND	ND	ND	ND	ND	ND	ND	74.2
Sidewall 5	3'-10'	12:57	1.6	ND	ND	ND	ND	ND	ND	ND	163
Sidewall 6	3'-10'	13:00	1.7	ND	ND	ND	ND	ND	ND	ND	95.4
Sidewall 7	3'-10'	13:05	1.2	ND	ND	ND	ND	ND	ND	ND	77.9
Standard:				50	10					100	600

November 5, 2019 Continue removal of impacts via excavation and transportation to JFJ commercial landfarm

November 8, 2019 Conduct final closure sampling on base and western extent of excavation, with analytical results as follows:

Closure Sampling Test Results  
November 8, 2019

Sample ID	5-pt Comp. Depths	Time	Field OVM (ppm)	BTEX (mg/Kg)	Benzene (mg/Kg)	TPH GRO (mg/Kg)	TPH DRO (mg/Kg)	TPH MRO (mg/Kg)	TPH (GRO +DRO) (mg/Kg)	TPH Total (mg/Kg)	Cl- (mg/Kg)
Base 8	10'	12:00	0.5	ND	ND	ND	ND	ND	ND	ND	62.5
Base 9	10'	12:11	25.4	ND	ND	ND	ND	ND	ND	ND	127
Base 10	10'	12:17	24.7	ND	ND	ND	ND	ND	ND	ND	120
Base 11	10'	12:20	19.6	ND	ND	ND	ND	ND	ND	ND	73.4
Sidewall 8	3'-9'	12:41	0.1	ND	ND	ND	ND	ND	ND	ND	20.6
Sidewall 9	3'-9'	12:45	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sidewall 10	3'-9'	12:48	14.0	ND	ND	ND	ND	ND	ND	ND	71.7
Sidewall 11	3'-9'	12:53	52.6	ND	ND	ND	ND	ND	ND	ND	100
Sidewall 12	3'-9'	12:57	5.1	ND	ND	ND	ND	ND	ND	ND	127
Standard:				50	10					100	600

November 13, 2019 Complete backfilling remedial excavation with clean imported soils.



































## Analytical Report

### Report Summary

Client: BP America Production Co.

Samples Received: 11/4/2019

Job Number: 03143-0424

Work Order: P911007

Project Name/Location: GCU 135

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is placed over a light gray rectangular background.

Date: 11/6/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Base 1	P911007-01A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 2	P911007-02A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 3	P911007-03A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 4	P911007-04A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 5	P911007-05A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 6	P911007-06A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Base 7	P911007-07A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 1	P911007-08A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 2	P911007-09A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 3	P911007-10A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 4	P911007-11A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 5	P911007-12A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 6	P911007-13A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.
Sidewall 7	P911007-14A	Soil	11/04/19	11/04/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Base 1**  
**P911007-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/04/19	EPA 8015D	
Surrogate: n-Nonane		100 %	50-200		1945009	11/04/19	11/04/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.1 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	133	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Base 2**  
**P911007-02 (Solid)**

300.0/9056A									
Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/04/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/04/19	EPA 8015D	
Surrogate: n-Nonane		89.0 %	50-200		1945009	11/04/19	11/04/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	75.3	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Base 3**  
**P911007-03 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %		50-150	1945008	11/04/19	11/05/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		96.8 %		50-200	1945009	11/04/19	11/05/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.2 %		50-150	1945008	11/04/19	11/05/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	134	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Base 4**  
**P911007-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %		50-150	1945008	11/04/19	11/05/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		98.2 %		50-200	1945009	11/04/19	11/05/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %		50-150	1945008	11/04/19	11/05/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	178	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Base 5**  
**P911007-05 (Solid)**

Analyte	Result	Reporting							Notes
		Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %		50-150	1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		98.7 %		50-200	1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %		50-150	1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	131	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Base 6**  
**P911007-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>101 %</i>		<i>50-150</i>	<i>1945008</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8021B</i>	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>98.7 %</i>		<i>50-200</i>	<i>1945009</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8015D</i>	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>86.0 %</i>		<i>50-150</i>	<i>1945008</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8015D</i>	
<b>Anions by 300.0/9056A</b>									
Chloride	<b>85.9</b>	20.0	mg/kg	1	1945010	11/04/19	11/04/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Base 7**  
**P911007-07 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>106 %</i>	<i>50-150</i>		<i>1945008</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8021B</i>	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>100 %</i>	<i>50-200</i>		<i>1945009</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8015D</i>	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>96.7 %</i>	<i>50-150</i>		<i>1945008</i>	<i>11/04/19</i>	<i>11/05/19</i>	<i>EPA 8015D</i>	
<b>Anions by 300.0/9056A</b>									
Chloride	<b>137</b>	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Sidewall 1**  
**P911007-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		85.3 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	161	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Sidewall 2**  
**P911007-09 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		97.9 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	79.6	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Sidewall 3**  
**P911007-10 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		100 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Sidewall 4**  
**P911007-11 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		104 %		50-150	1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		99.5 %		50-200	1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %		50-150	1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	74.2	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

**Sidewall 5**  
**P911007-12 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		104 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		98.7 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	163	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Sidewall 6**  
**P911007-13 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		101 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	95.4	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

**Sidewall 7**  
**P911007-14 (Solid)**

300.0/9056A									
Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150		1945008	11/04/19	11/05/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945009	11/04/19	11/05/19	EPA 8015D	
Surrogate: n-Nonane		101 %	50-200		1945009	11/04/19	11/05/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945008	11/04/19	11/05/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	50-150		1945008	11/04/19	11/05/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	77.9	20.0	mg/kg	1	1945010	11/04/19	11/05/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945008 - Purge and Trap EPA 5030A

##### Blank (1945008-BLK1)

Prepared: 11/04/19 1 Analyzed: 11/05/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	7.85		"	8.00		98.1	50-150			

##### LCS (1945008-BS1)

Prepared: 11/04/19 1 Analyzed: 11/05/19 1

Benzene	5.10	0.0250	mg/kg	5.00		102	70-130			
Toluene	5.19	0.0250	"	5.00		104	70-130			
Ethylbenzene	5.12	0.0250	"	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	"	10.0		102	70-130			
o-Xylene	5.09	0.0250	"	5.00		102	70-130			
Total Xylenes	15.3	0.0250	"	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.09		"	8.00		101	50-150			

##### Matrix Spike (1945008-MS1)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/05/19 1

Benzene	5.02	0.0250	mg/kg	5.00	ND	100	54.3-133			
Toluene	5.15	0.0250	"	5.00	ND	103	61.4-130			
Ethylbenzene	5.11	0.0250	"	5.00	ND	102	61.4-133			
p,m-Xylene	10.2	0.0500	"	10.0	ND	102	63.3-131			
o-Xylene	5.07	0.0250	"	5.00	ND	101	63.3-131			
Total Xylenes	15.2	0.0250	"	15.0	ND	102	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.26		"	8.00		103	50-150			

##### Matrix Spike Dup (1945008-MSD1)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/05/19 2

Benzene	5.12	0.0250	mg/kg	5.00	ND	102	54.3-133	1.95	20	
Toluene	5.22	0.0250	"	5.00	ND	104	61.4-130	1.33	20	
Ethylbenzene	5.16	0.0250	"	5.00	ND	103	61.4-133	1.09	20	
p,m-Xylene	10.3	0.0500	"	10.0	ND	103	63.3-131	1.06	20	
o-Xylene	5.14	0.0250	"	5.00	ND	103	63.3-131	1.32	20	
Total Xylenes	15.4	0.0250	"	15.0	ND	103	63.3-131	1.15	20	
Surrogate: 4-Bromochlorobenzene-PID	8.25		"	8.00		103	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945009 - DRO Extraction EPA 3570

##### Blank (1945009-BLK1)

Prepared: 11/04/19 1 Analyzed: 11/04/19 2

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	46.7		"	50.0		93.4	50-200			

##### LCS (1945009-BS1)

Prepared: 11/04/19 1 Analyzed: 11/04/19 2

Diesel Range Organics (C10-C28)	457	25.0	mg/kg	500		91.4	38-132			
Surrogate: n-Nonane	45.5		"	50.0		91.1	50-200			

##### Matrix Spike (1945009-MS1)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/04/19 2

Diesel Range Organics (C10-C28)	480	25.0	mg/kg	500	ND	96.0	38-132			
Surrogate: n-Nonane	50.3		"	50.0		101	50-200			

##### Matrix Spike Dup (1945009-MSD1)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/04/19 2

Diesel Range Organics (C10-C28)	508	25.0	mg/kg	500	ND	102	38-132	5.66	20	
Surrogate: n-Nonane	51.8		"	50.0		104	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

Reported:  
11/06/19 14:09

### Nonhalogenated Organics by 8015 - GRO - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945008 - Purge and Trap EPA 5030A

##### Blank (1945008-BLK1)

Prepared: 11/04/19 1 Analyzed: 11/05/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		"	8.00		86.6	50-150			

##### LCS (1945008-BS2)

Prepared: 11/04/19 1 Analyzed: 11/05/19 2

Gasoline Range Organics (C6-C10)	49.4	20.0	mg/kg	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		"	8.00		86.5	50-150			

##### Matrix Spike (1945008-MS2)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/06/19 1

Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		"	8.00		85.8	50-150			

##### Matrix Spike Dup (1945008-MSD2)

Source: P911007-01

Prepared: 11/04/19 1 Analyzed: 11/05/19 2

Gasoline Range Organics (C6-C10)	49.2	20.0	mg/kg	50.0	ND	98.4	70-130	4.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		"	8.00		86.1	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/06/19 14:09

### Anions by 300.0/9056A - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945010 - Anion Extraction EPA 300.0/9056A

##### Blank (1945010-BLK1)

Prepared: 11/04/19 1 Analyzed: 11/05/19 0

Chloride	ND	20.0	mg/kg
----------	----	------	-------

##### LCS (1945010-BS1)

Prepared: 11/04/19 1 Analyzed: 11/05/19 0

Chloride	253	20.0	mg/kg	250	101	90-110
----------	-----	------	-------	-----	-----	--------

##### Matrix Spike (1945010-MS1)

**Source: P911007-01**

Prepared: 11/04/19 1 Analyzed: 11/05/19 0

Chloride	377	20.0	mg/kg	250	133	97.5	80-120
----------	-----	------	-------	-----	-----	------	--------

##### Matrix Spike Dup (1945010-MSD1)

**Source: P911007-01**

Prepared: 11/04/19 1 Analyzed: 11/05/19 0

Chloride	360	20.0	mg/kg	250	133	91.0	80-120	4.35	20
----------	-----	------	-------	-----	-----	------	--------	------	----

#### QC Summary Report

##### Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/06/19 14:09

Notes and Definitions

- ND      Analyte NOT DETECTED at or above the reporting limit
  - NR      Not Reported
  - RPD      Relative Percent Difference
  - \*\*      Methods marked with \*\* are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

## Project Information

## Chain of Custody

Page 1 of 2

Client: <u>BPX ENERGY</u>				<b>Report Attention</b>				Lab Use Only				TAT		EPA Program			
Project: <u>GCU 135</u>				Report due by: <u>Nov. 5, 2019</u>				Lab WO# <u>PA11007</u>		Job Number <u>03143-0424</u>		1D	3D	RCRA	CWA	SDWA	
Project Manager: <u>SABRE BEEBE</u>				Attention: <u>SABRE BEEBE/ERIN DUNNAN</u> <u>JEFF BLUGG</u>													
Address:				Address:				Analysis and Method									
City, State, Zip				City, State, Zip				State									
Phone:				Phone:				<input checked="" type="checkbox"/> NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input checked="" type="checkbox"/> TX <input type="checkbox"/> OK									
Email:				Email:				Remarks									

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
1200	11/4/2019	SOIL	1	BASE 1	1	X	X	X			X						
1211			1	BASE 2	2												
1217			1	BASE 3	3												
1220			1	BASE 4	4												
1223			1	BASE 5	5												
1226			1	BASE 6	6												
1231			1	BASE 7	7												

**Additional Instructions:** BP CONTACT! SABRE BEEBE  
Bill to Project P.O.

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jeff Blugg

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Jeff Blugg</u>	<u>11/4/2019</u>	<u>1438</u>	<u>Thresse</u>	<u>11-4-19</u>	<u>1438</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Sample: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 22 of 23



## Project Information

## Chain of Custody

Page 2 of 2

<b>Client:</b> <u>BPX ENERGY</u> <b>Project:</b> <u>GCU 135</u> <b>Project Manager:</b> <u>SABRE BEEBE</u> <b>Address:</b> _____ <b>City, State, Zip:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____				<b>Report Attention</b> <b>Report due by:</b> <u>Nov. 5, 2019</u> <b>Attention:</b> <u>SABRE BEEBE/ERN DULMAN/JEFF BLAGG</u> <b>Address:</b> _____ <b>City, State, Zip:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____				<b>Lab Use Only</b> <b>Lab WO#</b> <u>P911007</u> <b>Job Number</b> <u>031430924</u> <b>TAT</b> 1D <input checked="" type="checkbox"/> 3D <input type="checkbox"/> <b>EPA Program</b> RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> <b>Analysis and Method</b> DRO/ORO by 8015 <input checked="" type="checkbox"/> GRO/DRO by 8015 <input checked="" type="checkbox"/> BTEX by 8021 <input checked="" type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> <b>State</b> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/> OK <input type="checkbox"/>				
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1241	11/4/19	SOIL	1	SIDEWALL 1	8	X	X	X			X	
1245			1	SIDEWALL 2	9							
1248			1	SIDEWALL 3	10							
1253			1	SIDEWALL 4	11							
1257			1	SIDEWALL 5	12							
1300			1	SIDEWALL 6	13							
1305			1	SIDEWALL 7	14							

**Additional Instructions:** BP CONTACT: SABRE BEEBE  
BK to Project P.O.

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Jeff Blagg

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature) <u>Jeff Blagg</u>	Date <u>11/4/2019</u>	Time <u>1438</u>	Received by: (Signature) <u>Adrienne</u>	Date <u>11-4-19</u>	Time <u>14:38</u>	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Notes: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



## Analytical Report

### Report Summary

Client: BP America Production Co.

Samples Received: 11/7/2019

Job Number: 03143-0424

Work Order: P911023

Project Name/Location: GCU 135

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is placed over a light gray rectangular background.

Date: 11/11/19

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.





BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Base 8	P911023-01A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Base 9	P911023-02A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Base 10	P911023-03A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Base 11	P911023-04A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Sidewall 8	P911023-05A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Sidewall 9	P911023-06A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Sidewall 10	P911023-07A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Sidewall 11	P911023-08A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.
Sidewall 12	P911023-09A	Soil	11/07/19	11/07/19	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/11/19 14:58

**Base 8**  
**P911023-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		106 %		50-150	1945032	11/07/19	11/07/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Surrogate: n-Nonane		98.7 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %		50-150	1945032	11/07/19	11/07/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	62.5	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/11/19 14:58

**Base 9**  
**P911023-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>105 %</i>	<i>50-150</i>		<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8021B</i>	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>99.4 %</i>	<i>50-200</i>		<i>1945033</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>81.9 %</i>	<i>50-150</i>		<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>	
<b>Anions by 300.0/9056A</b>									
Chloride	<b>127</b>	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/11/19 14:58

**Base 10**  
**P911023-03 (Solid)**

Analyte	Reporting							
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
<b>Volatile Organics by EPA 8021</b>								
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>105 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8021B</i>
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D
<i>Surrogate: n-Nonane</i>		<i>95.5 %</i>		<i>50-200</i>	<i>1945033</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>
<b>Nonhalogenated Organics by 8015 - GRO</b>								
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8015D
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>82.0 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>
<b>Anions by 300.0/9056A</b>								
Chloride	<b>120</b>	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	<b>Reported:</b>
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/11/19 14:58

**Base 11**  
**P911023-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>104 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8021B</i>	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>98.5 %</i>		<i>50-200</i>	<i>1945033</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>82.3 %</i>		<i>50-150</i>	<i>1945032</i>	<i>11/07/19</i>	<i>11/07/19</i>	<i>EPA 8015D</i>	
<b>Anions by 300.0/9056A</b>									
Chloride	<b>73.4</b>	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

**Sidewall 8**  
**P911023-05 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %		50-150	1945032	11/07/19	11/07/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Surrogate: n-Nonane		96.2 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/07/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %		50-150	1945032	11/07/19	11/07/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	20.6	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

**Sidewall 9**  
**P911023-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
<b>Nonhalogenated Organics by 8015 - DRO/ORO</b>									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
<i>Surrogate: n-Nonane</i>		97.9 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
<b>Nonhalogenated Organics by 8015 - GRO</b>									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		81.9 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
<b>Anions by 300.0/9056A</b>									
Chloride	ND	100	mg/kg	5	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

**Sidewall 10**  
**P911023-07 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		104 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Surrogate: n-Nonane		97.7 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.4 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	71.7	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.





BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

**Sidewall 11**  
**P911023-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Surrogate: n-Nonane		95.6 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.1 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	100	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

**Sidewall 12**  
**P911023-09 (Solid)**

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		105 %		50-150	1945032	11/07/19	11/08/19	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1945033	11/07/19	11/07/19	EPA 8015D	
Surrogate: n-Nonane		99.2 %		50-200	1945033	11/07/19	11/07/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1945032	11/07/19	11/08/19	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %		50-150	1945032	11/07/19	11/08/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	127	20.0	mg/kg	1	1945036	11/07/19	11/07/19	EPA 300.0/9056A	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

Reported:  
11/11/19 14:58

### Volatile Organics by EPA 8021 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945032 - Purge and Trap EPA 5030A

##### Blank (1945032-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID 8.48 " 8.00 106 50-150

##### LCS (1945032-BS1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.62	0.0250	mg/kg	5.00		92.3	70-130			
Toluene	4.58	0.0250	"	5.00		91.6	70-130			
Ethylbenzene	4.56	0.0250	"	5.00		91.1	70-130			
p,m-Xylene	9.11	0.0500	"	10.0		91.1	70-130			
o-Xylene	4.55	0.0250	"	5.00		91.0	70-130			
Total Xylenes	13.7	0.0250	"	15.0		91.0	70-130			

Surrogate: 4-Bromochlorobenzene-PID 8.54 " 8.00 107 50-150

##### Matrix Spike (1945032-MS1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.61	0.0250	mg/kg	5.00	ND	92.1	54.3-133			
Toluene	4.57	0.0250	"	5.00	ND	91.3	61.4-130			
Ethylbenzene	4.55	0.0250	"	5.00	ND	91.0	61.4-133			
p,m-Xylene	9.09	0.0500	"	10.0	ND	90.9	63.3-131			
o-Xylene	4.54	0.0250	"	5.00	ND	90.8	63.3-131			
Total Xylenes	13.6	0.0250	"	15.0	ND	90.8	63.3-131			

Surrogate: 4-Bromochlorobenzene-PID 8.42 " 8.00 105 50-150

##### Matrix Spike Dup (1945032-MSD1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Benzene	4.51	0.0250	mg/kg	5.00	ND	90.2	54.3-133	2.15	20	
Toluene	4.46	0.0250	"	5.00	ND	89.3	61.4-130	2.28	20	
Ethylbenzene	4.44	0.0250	"	5.00	ND	88.8	61.4-133	2.36	20	
p,m-Xylene	8.88	0.0500	"	10.0	ND	88.8	63.3-131	2.33	20	
o-Xylene	4.44	0.0250	"	5.00	ND	88.8	63.3-131	2.19	20	
Total Xylenes	13.3	0.0250	"	15.0	ND	88.8	63.3-131	2.28	20	

Surrogate: 4-Bromochlorobenzene-PID 8.51 " 8.00 106 50-150

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945033 - DRO Extraction EPA 3570

##### Blank (1945033-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	54.0		"	50.0		108	50-200			

##### LCS (1945033-BS1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	484	25.0	mg/kg	500		96.7	38-132			
Surrogate: n-Nonane	51.6		"	50.0		103	50-200			

##### Matrix Spike (1945033-MS1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	507	25.0	mg/kg	500	ND	101	38-132			
Surrogate: n-Nonane	51.5		"	50.0		103	50-200			

##### Matrix Spike Dup (1945033-MSD1)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Diesel Range Organics (C10-C28)	524	25.0	mg/kg	500	ND	105	38-132	3.28	20	
Surrogate: n-Nonane	53.1		"	50.0		106	50-200			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

### Nonhalogenated Organics by 8015 - GRO - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945032 - Purge and Trap EPA 5030A

##### Blank (1945032-BLK1)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		"	8.00		95.8	50-150			

##### LCS (1945032-BS2)

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	56.9	20.0	mg/kg	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		"	8.00		96.4	50-150			

##### Matrix Spike (1945032-MS2)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	57.6	20.0	mg/kg	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		"	8.00		96.8	50-150			

##### Matrix Spike Dup (1945032-MSD2)

Source: P911021-01

Prepared: 11/07/19 0 Analyzed: 11/07/19 1

Gasoline Range Organics (C6-C10)	56.6	20.0	mg/kg	50.0	ND	113	70-130	1.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		"	8.00		96.9	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.  
PO Box 22024  
Tulsa OK, 74121-2024

Project Name: GCU 135  
Project Number: 03143-0424  
Project Manager: Sabre Beebe

**Reported:**  
11/11/19 14:58

### Anions by 300.0/9056A - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

#### Batch 1945036 - Anion Extraction EPA 300.0/9056A

##### Blank (1945036-BLK1)

Prepared & Analyzed: 11/07/19 1

Chloride	ND	20.0	mg/kg
----------	----	------	-------

##### LCS (1945036-BS1)

Prepared & Analyzed: 11/07/19 1

Chloride	253	20.0	mg/kg	250	101	90-110
----------	-----	------	-------	-----	-----	--------

##### Matrix Spike (1945036-MS1)

**Source: P911023-01**

Prepared & Analyzed: 11/07/19 1

Chloride	313	20.0	mg/kg	250	62.5	100	80-120
----------	-----	------	-------	-----	------	-----	--------

##### Matrix Spike Dup (1945036-MSD1)

**Source: P911023-01**

Prepared & Analyzed: 11/07/19 1

Chloride	310	20.0	mg/kg	250	62.5	99.2	80-120	0.949	20
----------	-----	------	-------	-----	------	------	--------	-------	----

#### QC Summary Report

##### Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



BP America Production Co.	Project Name:	GCU 135	
PO Box 22024	Project Number:	03143-0424	Reported:
Tulsa OK, 74121-2024	Project Manager:	Sabre Beebe	11/11/19 14:58

Notes and Definitions

- ND      Analyte NOT DETECTED at or above the reporting limit
  - NR      Not Reported
  - RPD      Relative Percent Difference
  - \*\*      Methods marked with \*\* are non-accredited methods.
- Soil data is reported on an "as received" weight basis, unless reported otherwise.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

## Project Information

## Chain of Custody

Page 1 of 17

Client: <u>BPX ENERGY</u>					Report Attention					Lab Use Only				TAT		EPA Program							
Project: <u>GCU 135</u>					Report due by: <u>NOV. 8, 2019</u>					Lab WO# <u>P 911023</u>				Job Number <u>03143-0424</u>		1D	3D	RCRA	CWA	SDWA			
Project Manager: <u>SABRE BEEBE</u>					Attention: <u>SABRE BEEBE/ERIN DUNNAN/JOFF BATH</u>					Analysis and Method										State			
Address:					Address:															NM	CO	UT	AZ
City, State, Zip					City, State, Zip															TX	OK		
Phone:					Phone:																		
Email:					Email:																		

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0									Remarks
0933	11/7/2019	SOIL	1	BASE 8	1	X	X	X			X									
0940			1	BASE 9	2															
0947			1	BASE 10	3															
0955			1	BASE 11	4															
1021			1	SIDEWALL 8	5															
1027			1	SIDEWALL 9	6															
1031			1	SIDEWALL 10	7															
1034			1	SIDEWALL 11	8															
1037			1	SIDEWALL 12	9															

**Additional Instructions:** BP CONTACT: SABRE BEEBE  
BILL TO Project P.O.

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: L.H. Beggs

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>L.H. Beggs</u>	11/7/2019	12:57	<u>Raina Lopez</u>	11/7/19	12:57	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.





CLIENT: <b>BPX</b>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	API #: <b>30045 07885</b> TANK ID (if applicable): <b>A</b>
--------------------	---	--

<b>FIELD REPORT:</b>	(circle one): <b>BGT CONFIRMATION</b> / RELEASE INVESTIGATION / OTHER:	PAGE #: <b>1</b> of <b>1</b>
----------------------	--	------------------------------

<b>SITE INFORMATION:</b>	SITE NAME: <b>Gen #135</b>	DATE STARTED: <b>10/11/19</b>
QUAD/UNIT: <b>F SEC: 26 TWP: 29 N RNG: 13 W PM: NM CNTY: SJ ST: NM</b>	1/4 - 1/4 FOOTAGE: <b>545' N / 2070' W SE1/4 NW</b> LEASE TYPE: <b>FEDERAL / STATE / FEE / INDIAN</b>	DATE FINISHED:
LEASE #: <b>5F078926A</b> PROD. FORMATION: <b>OK</b>	CONTRACTOR: <b>REWEY P.F.S.</b> CONTACT: <b>BPX - J. BEEBE</b>	ENVIRONMENTAL SPECIALIST(S): <b>NJV / JCB</b>

<b>REFERENCE POINT:</b>	WELL HEAD (W.H.) GPS COORD.: <b>36.70046 x 108.17743</b> GL ELEV.: <b>3728'</b>
1) <b>95 BGT (SW/08)</b>	GPS COORD.: <b>36.70059 x 108.17689</b> DISTANCE/BEARING FROM W.H.: <b>166', N76.5E</b>
2)	GPS COORD.: DISTANCE/BEARING FROM W.H.:
3)	GPS COORD.: DISTANCE/BEARING FROM W.H.:
4)	GPS COORD.: DISTANCE/BEARING FROM W.H.:

<b>SAMPLING DATA:</b>	CHAIN OF CUSTODY RECORD(S) # OR LAB USED: <b>HALL</b>	OVM READING (ppm)
1) SAMPLE ID: <b>95 BGT - 5pc @ 5'</b> SAMPLE DATE: <b>10/11/19</b> SAMPLE TIME: <b>0910</b> LAB ANALYSIS: <b>8015B/8021B/300.0 (CI)</b>		<b>0.2</b>
2) SAMPLE ID: <b>Impact Grab @ 3'</b> SAMPLE DATE: <b>10/11/19</b> SAMPLE TIME: <b>0915</b> LAB ANALYSIS: <b>"</b>		<b>357</b>
3) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:	
4) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:	
5) SAMPLE ID:	SAMPLE DATE: SAMPLE TIME: LAB ANALYSIS:	

<b>SOIL DESCRIPTION:</b>	SOIL TYPE: SAND <b>(SILTY SAND)</b> SILT / SILTY CLAY / CLAY / GRAVEL <b>(OTHER)</b> <b>Sandstone South of BGT</b>
SOIL COLOR: <b>TAN</b>	PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
COHESION (ALL OTHERS): NON COHESIVE <b>(SLIGHTLY COHESIVE)</b> COHESIVE / HIGHLY COHESIVE	DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
CONSISTENCY (NON COHESIVE SOILS): LOOSE <b>(FIRM)</b> DENSE / VERY DENSE	HC ODOR DETECTED: <b>(YES) NO</b> EXPLANATION: <b>ON Sandstone RAMP</b>
MOISTURE: DRY <b>(SLIGHTLY MOIST)</b> MOIST / WET / SATURATED / SUPER SATURATED	ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION:
SAMPLE TYPE: GRAB <b>(COMPOSITE)</b> # OF PTS. <b>5</b>	DISCOLORATION/STAINING OBSERVED: <b>(YES) NO</b> EXPLANATION: <b>ON Sandstone Ramp @ South Side of BGT</b>

<b>SITE OBSERVATIONS:</b>	LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION: <b>UNKNOWN - BGT Appears Good</b>
APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: <b>(YES) NO</b> EXPLANATION: <b>Gray stain on RAMP</b>	EQUIPMENT SET OVER RECLAIMED AREA: YES / <b>(NO)</b> EXPLANATION:
OTHER: <b>NMOCD / BLM REP(S) PRESENT</b>	NOT PRESENT TO WITNESS CONFIRMATION SAMPLING.

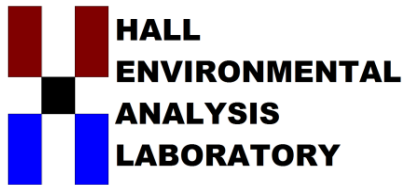
EXCAVATION DIMENSION ESTIMATION: _____ ft. X _____ ft. X _____ ft.	EXCAVATION ESTIMATION (Cubic Yards): _____
DEPTH TO GROUNDWATER: <b>&gt;100'</b> NEAREST WATER SOURCE: <b>&gt;1000'</b> NEAREST SURFACE WATER: <b>300' x &lt;1000'</b>	NMOCD TPH CLOSURE STD: <b>2500ppm</b>

<b>SITE SKETCH</b>	BGT Located: off <b>(on)</b> site	PLOT PLAN circle: <b>attached</b>	OVM CALIB. READ: = <b>100.2</b> ppm RF=1.00 OVM CALIB. GAS = <b>100</b> ppm TIME: <b>0630</b> (am/pm) DATE: <b>10/11/19</b>
			<b>MISCELL. NOTES</b> PO: AFE #: SIO #: <b>190040007672</b> GL #: <b>745277</b> Permit date(s): <b>06/08/10</b> OCD Appr. date(s): <b>03/07/17</b> Tank ID: <b>A</b> OVM = Organic Vapor Meter ppm = parts per million BGT Sidewalls Visible: Y <b>(N)</b> BGT Sidewalls Visible: Y / N BGT Sidewalls Visible: Y / N Magnetic declination: <b>10° E</b>
X - S.P.D.			

NOTES: BGT = BELOW-GRADE TANK; E.D. = EXCAVATION DEPRESSION; B.G. = BELOW GRADE; B = BELOW; T.H. = TEST HOLE; ~ = APPROX.; W.H. = WELL HEAD; T.B. = TANK BOTTOM; PBGTL = PREVIOUS BELOW-GRADE TANK LOCATION; SPD = SAMPLE POINT DESIGNATION; R.W. = RETAINING WALL; NA = NOT APPLICABLE OR NOT AVAILABLE; SW - SINGLE WALL; DW - DOUBLE WALL; SB - SINGLE BOTTOM; DB - DOUBLE BOTTOM.	NOTES: <b>GOOGLE EARTH IMAGERY DATE: 4/6/2019</b> . ONSITE: <b>10/11/19</b>
---	---







Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

October 15, 2019

Sabre Beebe  
Blagg Engineering  
P. O. Box 87  
Bloomfield, NM 87413  
TEL: (505) 632-1199  
FAX (505) 632-3903

RE: GCU 135

OrderNo.: 1910773

Dear Sabre Beebe:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/12/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**Lab Order **1910773**Date Reported: **10/15/2019****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Blagg Engineering**Client Sample ID:** 95 BGT-5 PC @ 5'**Project:** GCU 135**Collection Date:** 10/11/2019 9:10:00 AM**Lab ID:** 1910773-001**Matrix:** SOIL**Received Date:** 10/12/2019 8:00:00 AM

<b>Analyses</b>	<b>Result</b>	<b>RL</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Analyzed</b>	<b>Batch</b>
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CJS</b>
Chloride	100	60		mg/Kg	20	10/14/2019 12:30:53 PM	48121
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>DJF</b>
Gasoline Range Organics (GRO)	ND	3.2		mg/Kg	1	10/14/2019 11:29:04 AM	G63641
Surr: BFB	97.5	70-130		%Rec	1	10/14/2019 11:29:04 AM	G63641
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	52	9.5		mg/Kg	1	10/14/2019 10:19:59 AM	48116
Motor Oil Range Organics (MRO)	110	48		mg/Kg	1	10/14/2019 10:19:59 AM	48116
Surr: DNOP	109	70-130		%Rec	1	10/14/2019 10:19:59 AM	48116
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>DJF</b>
Benzene	ND	0.016		mg/Kg	1	10/14/2019 11:29:04 AM	S63641
Toluene	ND	0.032		mg/Kg	1	10/14/2019 11:29:04 AM	S63641
Ethylbenzene	ND	0.032		mg/Kg	1	10/14/2019 11:29:04 AM	S63641
Xylenes, Total	ND	0.064		mg/Kg	1	10/14/2019 11:29:04 AM	S63641
Surr: 1,2-Dichloroethane-d4	99.0	70-130		%Rec	1	10/14/2019 11:29:04 AM	S63641
Surr: 4-Bromofluorobenzene	96.0	70-130		%Rec	1	10/14/2019 11:29:04 AM	S63641
Surr: Dibromofluoromethane	98.9	70-130		%Rec	1	10/14/2019 11:29:04 AM	S63641
Surr: Toluene-d8	104	70-130		%Rec	1	10/14/2019 11:29:04 AM	S63641

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910773****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>MB-48121</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48121</b>	RunNo: <b>63657</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2176026</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-48121</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48121</b>	RunNo: <b>63657</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2176027</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.2	90	110			

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910773****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>LCS-48116</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48116</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2174624</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	63.9	124			
Surr: DNOP	4.9		5.000		97.4	70	130			

Sample ID: <b>MB-48116</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48116</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2174625</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	70	130			

Sample ID: <b>LCS-48112</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48112</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/11/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175390</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	70	130			

Sample ID: <b>MB-48112</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48112</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/11/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175391</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		115	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910773**

15-Oct-19

**Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>rb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>S63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175836</b>	Units: <b>mg/Kg</b>							
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: 1,2-Dichloroethane-d4	0.47		0.5000		94.5	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.0	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		93.5	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: <b>100ng lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>S63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175837</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.4	68	135			
Toluene	0.95	0.050	1.000	0	94.7	70	130			
Surr: 1,2-Dichloroethane-d4	0.43		0.5000		86.3	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.7	70	130			
Surr: Dibromofluoromethane	0.45		0.5000		89.0	70	130			
Surr: Toluene-d8	0.50		0.5000		101	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910773****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>rb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>G63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175888</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	490		500.0		97.6	70	130			

Sample ID: <b>2.5ug gro lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>G63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175889</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	70	130			
Surr: BFB	450		500.0		90.1	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: **BLAGG**Work Order Number: **1910773**RcptNo: **1**Received By: **Isaiah Ortiz** 10/12/2019 8:00:00 AMCompleted By: **Anne Thorne** 10/14/2019 7:49:33 AMReviewed By: **DM 10/14/19***I.Ox**Anne Thorne*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted? \_\_\_\_\_

Checked by: *AT 10/14/19*

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

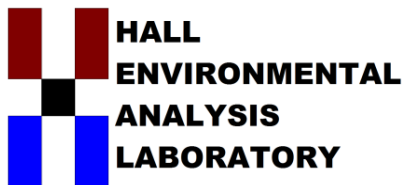
Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.1	Good	Yes			





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

October 15, 2019

Sabre Beebe

Blagg Engineering

P. O. Box 87

Bloomfield, NM 87413

TEL: (505) 632-1199

FAX (505) 632-3903

RE: GCU 135

OrderNo.: 1910777

Dear Sabre Beebe:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/12/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order 1910777

Date Reported: 10/15/2019

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Blagg Engineering

Client Sample ID: Impact Grab @ 3'

Project: GCU 135

Collection Date: 10/11/2019 9:15:00 AM

Lab ID: 1910777-001

Matrix: SOIL

Received Date: 10/12/2019 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CJS
Chloride	110	60		mg/Kg	20	10/14/2019 12:43:17 PM	48121
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: DJF
Gasoline Range Organics (GRO)	340	18		mg/Kg	5	10/14/2019 11:58:34 AM	G63641
Surr: BFB	128	70-130		%Rec	5	10/14/2019 11:58:34 AM	G63641
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	2100	92		mg/Kg	10	10/14/2019 11:04:06 AM	48116
Motor Oil Range Organics (MRO)	1100	460		mg/Kg	10	10/14/2019 11:04:06 AM	48116
Surr: DNOP	0	70-130	S	%Rec	10	10/14/2019 11:04:06 AM	48116
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: DJF
Benzene	ND	0.090		mg/Kg	5	10/14/2019 11:58:34 AM	S63641
Toluene	ND	0.18		mg/Kg	5	10/14/2019 11:58:34 AM	S63641
Ethylbenzene	0.25	0.18		mg/Kg	5	10/14/2019 11:58:34 AM	S63641
Xylenes, Total	2.7	0.36		mg/Kg	5	10/14/2019 11:58:34 AM	S63641
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	5	10/14/2019 11:58:34 AM	S63641
Surr: 4-Bromofluorobenzene	132	70-130	S	%Rec	5	10/14/2019 11:58:34 AM	S63641
Surr: Dibromofluoromethane	91.1	70-130		%Rec	5	10/14/2019 11:58:34 AM	S63641
Surr: Toluene-d8	96.9	70-130		%Rec	5	10/14/2019 11:58:34 AM	S63641

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910777****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>MB-48121</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48121</b>	RunNo: <b>63657</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2176026</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-48121</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48121</b>	RunNo: <b>63657</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2176027</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	99.2	90	110			

**Qualifiers:**

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quantitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

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

WO#: 1910777

15-Oct-19

**Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>LCS-48116</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48116</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2174624</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	63.9	124			
Surr: DNOP	4.9		5.000		97.4	70	130			

Sample ID: <b>MB-48116</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48116</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/14/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2174625</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		103	70	130			

Sample ID: <b>LCS-48112</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48112</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/11/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175390</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	70	130			

Sample ID: <b>MB-48112</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48112</b>	RunNo: <b>63647</b>								
Prep Date: <b>10/11/2019</b>	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175391</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		115	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910777****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>rb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>S63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175836</b>		Units: <b>mg/Kg</b>						
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: 1,2-Dichloroethane-d4	0.47		0.5000		94.5	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.0	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		93.5	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: <b>100ng lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>S63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175837</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.4	68	135			
Toluene	0.95	0.050	1.000	0	94.7	70	130			
Surr: 1,2-Dichloroethane-d4	0.43		0.5000		86.3	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.7	70	130			
Surr: Dibromofluoromethane	0.45		0.5000		89.0	70	130			
Surr: Toluene-d8	0.50		0.5000		101	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**WO#: **1910777****15-Oct-19****Client:** Blagg Engineering**Project:** GCU 135

Sample ID: <b>rb</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>G63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175888</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	490		500.0		97.6	70	130			

Sample ID: <b>2.5ug gro lcs</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>G63641</b>	RunNo: <b>63641</b>								
Prep Date:	Analysis Date: <b>10/14/2019</b>	SeqNo: <b>2175889</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.0	70	130			
Surr: BFB	450		500.0		90.1	70	130			

**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 Quantitative 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  
P Sample pH Not In Range  
RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: **BLAGG**Work Order Number: **1910777**RcptNo: **1**Received By: **Isaiah Ortiz**

10/12/2019 8:00:00 AM

Completed By: **Anne Thorne**

10/14/2019 8:00:45 AM

Reviewed By: **DM 10/14/19**Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: **AT 10/14/19**

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:			
Client Instructions:			

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.1	Good	Yes			

