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 | |
| District RP | |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | | |
|---|---|---|
| Responsible Party: BP America Production Co | OGRID: 778 | FINAL – Closure Request |
| Contact Name: Steve Moskal | Contact Telephone: (505) 330-9179 | |
| Contact email: steven.moskal@bpx.com | Incident # *(assigned by OCD)* **NRM2012166326** | |
| Contact mailing address: 1199 Main St., Suite 101, Durango CO, 81301 | | |

## Location of Release Source

Latitude: 36.921376° Longitude: -107.501767°
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name: Northeast Blanco Unit 426A Waterline | Site Type: Water Transfer System |
| Date Release Discovered: April 14, 2020 | API#: No API assigned to ROW |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| O | 06 | T31N | R06W | San Juan |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

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

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Produced Water | Volume Released (bbls): **22** | Volume Recovered (bbls): **0** |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls): | Volume Recovered (bbls): |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release:
**Release of produced water from a produced water transfer pipeline failure. Root cause was determined to be internal corrosion. No BTEX or TPH detected above the remedial action level. Flow path has been sampled for baseline chloride concentrations. Approximately 100 lbs of gypsum was applied to the surface and raked in to the flowpath on 4/27/20. Sampling of the release path on July 22, 2020, indicates the remedial activity has met closure requirements.**

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
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| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☐ Yes ☒ 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*

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: Steve Moskal Title: Environmental Coordinator

Signature: _____ Date: _____

email: steven.moskal@bpx.com Telephone: (505) 330-9179

**OCD Only**

Received by: _____ Date: _____

| | |
|---|---|
| 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? | >100 (ft bgs) |
| Did this release impact groundwater or surface water? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☒ Yes ☐ 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)? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☒ 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? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☒ No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☒ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☒ No |
| Did the release impact areas **not** on an exploration, development, production, or storage site? | ☐ Yes ☒ 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
Page 4

State of New Mexico
Oil Conservation Division

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|---|---|
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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: Steve Moskal Title: Environmental Coordinator

Signature: _____ Date: _____

email: steven.moskal@bpx.com Telephone: (505) 330-9179

**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| 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: Steve Moskal Title: Environmental Coordinator

Signature: _____ Date: _____

email: steven.moskal@bpx.com Telephone: (505) 330-9179

**OCD Only**

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| 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: July 31, 2020

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: Nelson Velez Date: 10/27/2022

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

CLIENT: BPX

**BLAGG ENGINEERING, INC.**
**P.O. BOX 87, BLOOMFIELD, NM 87413**
**(505) 632-1199**

INCIDENT API#: NRM2012166326
TANK ID (if applicble): —

# FIELD REPORT:

(circle one): BGT CONFIRMATION / RELEASE INVESTIGATION / OTHER: RELEASE CLOSURE

PAGE #: 1 of 1

## SITE INFORMATION:

SITE NAME: NEBU 426A
QUAD/UNIT: SEC: 6 TWP: 31N RNG: 6W PM: NM CNTY: SJ ST: NM
1/4 -1/4/FOOTAGE: 855 FSL x 1260 FEL LEASE TYPE: FEDERAL / STATE / FEE / INDIAN
LEASE #: SF-078988 PROD. FORMATION: — CONTRACTOR: —

DATE STARTED: 7/22/2020
DATE FINISHED: 7/22/2020
ENVIRONMENTAL SPECIALIST(S): JCB

## REFERENCE POINT:

WELL HEAD (W.H.) GPS COORD.: 36°55'25"N x 107°29'59"W GL ELEV.: 6,343

1) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____
2) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____
3) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____
4) _____ GPS COORD.: _____ DISTANCE/BEARING FROM W.H.: _____

## SAMPLING DATA:

CHAIN OF CUSTODY RECORD(S) # OR LAB USED: ENVIROTECH

| | SAMPLE ID | SAMPLE DATE | SAMPLE TIME | LAB ANALYSIS | OVM READING (ppm) |
|---|---|---|---|---|---|
| 1) | RELEASE POINT - SS01 (5-POINT) | 7/22/2020 | 0907 | CHLORIDE 300 | — |
| 2) | SS01 - SS02 (5-POINT) | " | 0916 | " | — |
| 3) | | | | | |
| 4) | | | | | |

## SOIL DESCRIPTION:

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER
SOIL COLOR: TAN
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE
HC ODOR DETECTED: YES / NO EXPLANATION -
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED
SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5
ANY AREAS DISPLAYING WETNESS: YES / NO EXPLANATION - V. MINOR FROM RECENT PRECIPITATION
DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

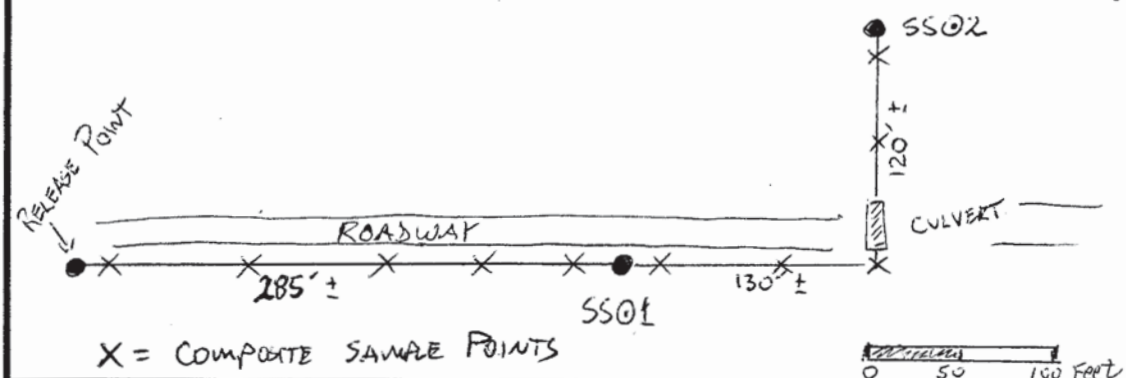
## SITE OBSERVATIONS:

LOST INTEGRITY OF EQUIPMENT: YES / NO EXPLANATION -
APPARENT EVIDENCE OF A RELEASE OBSERVED AND/OR OCCURRED: YES / NO EXPLANATION:
EQUIPMENT SET OVER RECLAIMED AREA: YES / NO EXPLANATION -
OTHER:

SOIL IMPACT DIMENSION ESTIMATION: — ft. X — ft. X — ft. EXCAVATION ESTIMATION (Cubic Yards): —
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <100 NMOCD ~~TPH~~ CLOSURE STD: 600 ppm

## SITE SKETCH

BGT Located: off / on site | PLOT PLAN circle: attached




OVM CALIB. READ. = — ppm RF=0.52
OVM CALIB. GAS = — ppm
TIME: — am/pm DATE: —

## MISCELL. NOTES

WO:
PO #:
PK:
PJ #:
Permit date(s):
OCD Appr. date(s):

| Tank ID | OVM = Organic Vapor Meter ppm = parts per million |
|---|---|
| | BGT Sidewalls Visible: Y / N |
| | BGT Sidewalls Visible: Y / N |
| | BGT Sidewalls Visible: Y / N |

Magnetic declination: 10° E

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: _____ ONSITE: _____

revised 11/26/13

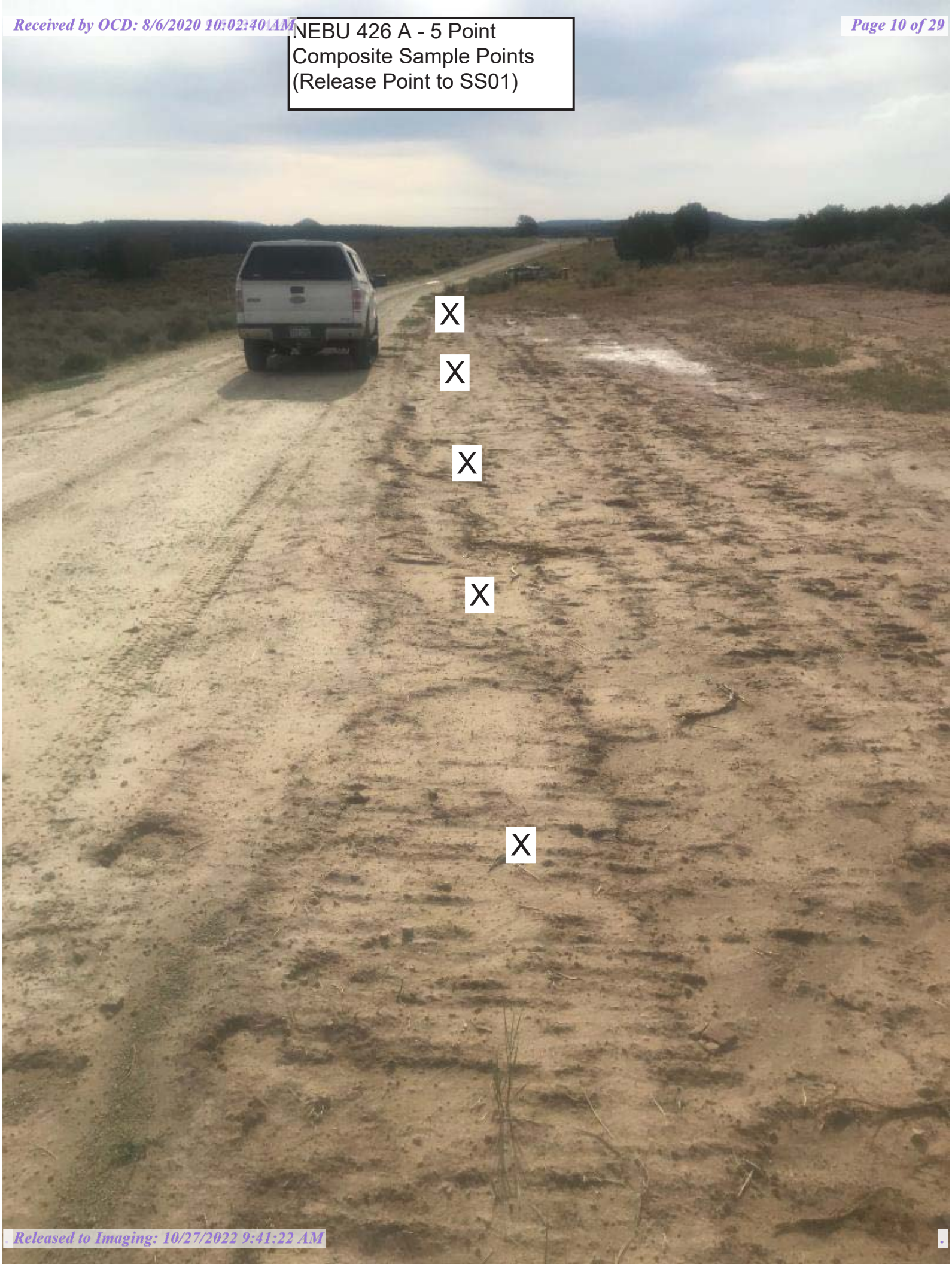
# Northeast Blanco Unit 426A

NEBU 426A: API #30-045-32333
NEBU 250H: API #30-045-34979
Release Point GPS: 36.921376°, -107.501767°
End Flow GPS: 36.922489°, -107.500263°

# Summary of Laboratory Analysis
## Results in mg/Kg

NEBU 426A Waterline
Pipeline Release
4/13/2020

| Date | Time | Sample ID | Sample Depth (Feet BGS) | Method 8015 GRO | Method 8015 DRO | Method 8015 MRO | Method 8021 Benzene | Method 8021 BTEX | Method 300.0 Chloride |
|---|---|---|---|---|---|---|---|---|---|
| NMOCD Guidelines | | | | **1,000 ppm** | **1,500 ppm** | | **10 ppm** | **50 ppm** | **600 ppm** |
| 4/16/2020 | 11:59A | Point | Surface | <10.0 | <10.0 | <10.0 | <0.025 | 0.187 | **688** |
| 4/16/2020 | 12:06P | SS1 | Surface | <10.0 | <10.0 | <10.0 | <0.025 | <0.150 | **775** |
| 4/16/2020 | 12:15P | SS2 | Surface | <10.0 | <10.0 | <10.0 | <0.025 | <0.150 | 541 |
| 4/16/2020 | 12:21P | SS3 | Surface | <10.0 | <10.0 | <10.0 | <0.025 | <0.150 | 487 |
| 5/20/2020 | 9:40 | Release Point - SS01 | Surface | NS | NS | NS | NS | NS | **927** |
| 5/20/2020 | 9:45 | SS01-SS02 | Surface | NS | NS | NS | NS | NS | **1490** |
| 7/22/2020 | 9:07 | Release Point - SS01 | Surface | NS | NS | NS | NS | NS | 421 |
| 7/22/2020 | 9:16 | SS01-SS02 | Surface | NS | NS | NS | NS | NS | 87 |


NEBU 426 A - 5 Point
Composite Sample Points
(Release Point to SS01)
X
X
X
X
X


NEBU 426 A - 5 Point
Composite Sample Points
(Release Point to SS01)
X
X


NEBU 426 A - 5 Point
Composite Sample Points
(SS01 to SS02)
X
X
X


NEBU 426 A - 5 Point
Composite Sample Points
(SS01 to SS02)
X


NEBU 426 A - 5 Point Composite Sample Points (SS01 to SS02)
X
X

envirotech
Analytical Laboratory

# Analytical Report

**Report Summary**

Client: BP America Production Co.

Samples Received: 7/22/2020

Job Number: 03143-0424

Work Order: P007056

Project Name/Location: NEBU 426A

Report Reviewed By: _____ Date: 7/28/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

**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.**

envirotech
Analytical Laboratory

| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 07/28/20 11:23 |

## Sample Summary

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| Release Point - SS01 | P007056-01A | Soil | 07/22/20 | 07/22/20 | Glass Jar, 4 oz. |
| SS01 - SS02 | P007056-02A | Soil | 07/22/20 | 07/22/20 | Glass Jar, 4 oz. |

envirotech
Analytical Laboratory

| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 07/28/20 11:23 |

## Release Point - SS01
### P007056-01 (Solid)

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes | |
|---|---|---|---|---|---|---|---|
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | | | | Batch: | 2030025 |
| Chloride | **421** | 20.0 | 1 | 07/23/20 | 07/23/20 | | |

envirotech
Analytical Laboratory

| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 07/28/20 11:23 |

**SS01 - SS02**
**P007056-02 (Solid)**

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes | |
|---|---|---|---|---|---|---|---|
| **Anions by EPA 300.0/9056A** | mg/kg | mg/kg | | | | Batch: | 2030025 |
| Chloride | **87.0** | 20.0 | 1 | 07/23/20 | 07/23/20 | | |

envirotech
Analytical Laboratory

| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 07/28/20 11:23 |

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

| Analyte | Result | Reporting Limit | Spike Level | Source Result | REC | REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |
| **Blank (2030025-BLK1)** | | | | | | | | | Prepared: 07/23/20 0 Analyzed: 07/23/20 1 |
| Chloride | ND | 20.0 | | | | | | | |
| **LCS (2030025-BS1)** | | | | | | | | | Prepared: 07/23/20 0 Analyzed: 07/23/20 1 |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | |
| **Matrix Spike (2030025-MS1)** | | | | | **Source: P007058-01** | | | | Prepared: 07/23/20 0 Analyzed: 07/23/20 1 |
| Chloride | 259 | 20.0 | 250 | ND | 104 | 80-120 | | | |
| **Matrix Spike Dup (2030025-MSD1)** | | | | | **Source: P007058-01** | | | | Prepared: 07/23/20 0 Analyzed: 07/23/20 1 |
| Chloride | 258 | 20.0 | 250 | ND | 103 | 80-120 | 0.182 | 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 my differ slightly.

envirotech
Analytical Laboratory

| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 07/28/20 11:23 |

## 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.

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | BPX ENERGY |
| Project: | NEBU 426A |
| Project Manager: | STEVE MOSKAL |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | jeffcblagg + Steve Moskal |
| Report due by: | 7/29/2020 |

**Bill To**

| | |
|---|---|
| Attention: | STEVE MOSKAL |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | Steven.Moskal@BPX.com |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| P0070560 | 03HB-0424 |

**TAT**: 1D | 3D

**EPA Program**: RCRA | CWA | SDWA

**State**: NM | CO | UT | AZ

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0907 | 7/22/2020 | SOIL | 1 | RELEASE POINT – SS01 | 1 | | | | | | X | |
| 0916 | " | " | 1 | SS01 – SS02 | 2 | | | | | | X | |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |

**Additional Instructions:** Bill BPX 2H2020 SPills 30-015-49540

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) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| Jeff Blagg | 7/22/2020 | 1311 | [signature] | 7/22/20 | 13:12 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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.

envirotech Analytical Laboratory
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24 Hour Emergency Response Phone (800) 362-1879
Ph (505) 632-1881 Fx (505) 632-1865
envirotech-inc.com
labadmin@envirotech-inc.com

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Analytical Laboratory

# Analytical Report

## Report Summary

Client: BP America Production Co.

Samples Received: 5/20/2020
Job Number: 03143-0424
Work Order: P005067
Project Name/Location: NEBU 426A

Report Reviewed By: Date: 5/26/20

Walter Hinchman, Laboratory Director

NELAP ACCREDITED TNI LABORATORY

**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.**

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| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 05/26/20 10:28 |

## Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|---|---|---|---|---|---|
| Release Point- SS01 | P005067-01A | Soil | 05/20/20 | 05/20/20 | Glass Jar, 4 oz. |
| SS01- SS02 | P005067-02A | Soil | 05/20/20 | 05/20/20 | Glass Jar, 4 oz. |

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|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 05/26/20 10:28 |

## Release Point- SS01

### P005067-01 (Solid)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Anions by 300.0/9056A** | | | | | | | | | |
| Chloride | **927** | 20.0 | mg/kg | 1 | 2021015 | 05/21/20 | 05/21/20 | EPA 300.0/9056A | |

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| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 05/26/20 10:28 |

**SS01- SS02**

**P005067-02 (Solid)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|---|---|---|---|---|---|---|---|---|
| **Anions by 300.0/9056A** | | | | | | | | | |
| Chloride | **1490** | 40.0 | mg/kg | 2 | 2021015 | 05/21/20 | 05/21/20 | EPA 300.0/9056A | |

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| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 05/26/20 10:28 |

## 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 2021015 - Anion Extraction EPA 300.0/9056A** | | | | | | | | | | |
| **Blank (2021015-BLK1)** | | | | Prepared: 05/20/20 0 Analyzed: 05/20/20 1 | | | | | | |
| Chloride | ND | 20.0 | mg/kg | | | | | | | |
| **LCS (2021015-BS1)** | | | | Prepared: 05/20/20 0 Analyzed: 05/20/20 1 | | | | | | |
| Chloride | 252 | 20.0 | mg/kg | 250 | | 101 | 90-110 | | | |
| **Matrix Spike (2021015-MS1)** | | **Source: P005057-01** | | Prepared: 05/20/20 0 Analyzed: 05/20/20 1 | | | | | | |
| Chloride | 3080 | 40.0 | mg/kg | 250 | 2850 | 92.1 | 80-120 | | | |
| **Matrix Spike Dup (2021015-MSD1)** | | **Source: P005057-01** | | Prepared: 05/20/20 0 Analyzed: 05/20/20 1 | | | | | | |
| Chloride | 3150 | 40.0 | mg/kg | 250 | 2850 | 122 | 80-120 | 2.42 | 20 | M1 |

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 my differ slightly.

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| | | | |
|---|---|---|---|
| BP America Production Co. | Project Name: | NEBU 426A | |
| PO Box 22024 | Project Number: | 03143-0424 | **Reported:** |
| Tulsa OK, 74121-2024 | Project Manager: | Steve Moskal | 05/26/20 10:28 |

## Notes and Definitions

| | |
|---|---|
| M1 | Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable. |
| 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.

Project Information | Chain of Custody | Page 1 of 1

| | |
|---|---|
| Client: | BPX ENERGY |
| Project: | NEBU 426A |
| Project Manager: | STEVE MOSKAL |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | jeffcbbgs@AOL.COM |
| Report due by: | MAY 29, 2020 |

**Bill To**

| | |
|---|---|
| Attention: | STEVE MOSKAL |
| Address: | |
| City, State, Zip | |
| Phone: | |
| Email: | Steven.Moskal@BPX.COM |

**Lab Use Only**

| Lab WO# | Job Number |
|---|---|
| P005067 | 03143-0424 |

**TAT**: 1D | 3D

**EPA Program**: RCRA | CWA | SDWA

**State**: NM | CO | UT | AZ

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0940 | 5/20/20 | SOIL | 1 | Release Point – SS01 | 1 | | | | | | X | |
| 0945 | " | " | 1 | SS01 – SS02 | 2 | | | | | | X | |

**Additional Instructions:** Bill BPX 1H2020 SPILLS 30-015-95206

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: J-M Bligh

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 |
|---|---|---|---|---|---|
| J-M Bligh | 5/20/20 | 1419 | Cheryl Nichols | 5.20.20 | 14:20 |
| | | | | | |
| | | | | | |

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4°

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.

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**District II**
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Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
**District IV**
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 9542

## CONDITIONS

| | |
|---|---|
| Operator:<br>BP AMERICA PRODUCTION COMPANY<br>1700 Platte St, Suite 150<br>Denver, CO 80202 | OGRID:<br>778 |
| | Action Number:<br>9542 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| nvelez | None | 10/27/2022 |