

ENVIRONMENTAL PLUS, INC.

2100 AVE 'O'
P.O. BOX 1558
EUNICE, NM 88231
ddominguezepi@gmail.com
Office: (575)394-3481
Fax: (575)394-2601



CLOSURE REPORT

**BOPCO, L.P.
PLU #211
Eddy County, New Mexico
Unit Letter "J", Section 18, Township 24 South, Range 30 East
Latitude 32.215775 North, Longitude 103.918663 West
NMOCD Reference #2RP-3705**

Prepared For:

**BOPCO, L.P.
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220**

Prepared By:

**Environmental Plus, Inc.
2100 Ave 'O'
Eunice, NM 88231**

October 2016

**Daniel Dominguez
Project Manager**



17 October 2016

Ms. Heather Patterson
Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

RE: Final Closure Report
Bopco – PLU #211
UL-J, Section 18, Township 24 South, Range 30 East
Eddy County, New Mexico
NMOCD Reference # 2RP 3705

Ms. Patterson:

The following *Final Closure Report* serves as a condensed update on closure activities for the above referenced Site.

Background Information:

BOPCO EHS was notified of a release that occurred at the PLU 211 due to the polish rod pack off assembly was loose. The lease operator tightened the pack off assembly. A vacuum truck was called to the location and recovered 5 barrels of produced water.

Remediation Activities:

EPI personnel mobilized on the site on June 23, 2016 to collect soil samples to determine the vertical extent of contamination. A total of eight (8) soil samples were collected from three (3) sample locations; SP1, SP2, SP3. All samples were field tested for organic vapors and chloride concentrations. A portion from each soil sample were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Soil samples were then tested for organic vapors utilizing a Mini-Rae™ Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) lamp calibrated for benzene response. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method).

Six (6) representative samples were jarred, chilled and sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical data indicates that, other than Chlorides at surface level, the release area is void of Benzene, BTEX, TPH, and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg, respectively (reference *Figure 3* and *Table 2*).

The release area was excavated to a depth of approximately six (6) inches bgs. Approximately 25 tons of contaminated soil was excavated and hauled to a state approved facility for disposal.

Closure Activities:

With NMOCD approval the excavation was backfilled with approximately 25 tons of clean soil. All soil was free of rocks, clumps or deleterious material. The entire disturbed area was then contoured to blend with existing pad area and protected against wind/water erosion.

Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Mr. Brad Blevins at (432) 214-3704 or via e-mail at bblevins@basspet.com. All official communication should be addressed to:

Mr. Brad Blevins
Bopco, L.P.
522 W. Mermond, Suite 704
Carlsbad, NM 88220

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Brad Blevins, EHS Asst. Remediation Foreman – Bopco, L.P.
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site/Sample Map
Table 1 – Well Data
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results
Attachment I – Photographs
Attachment II – Laboratory Analytical Results
Attachment III – Copy of Initial NMOCD Form C-141, Final C-141

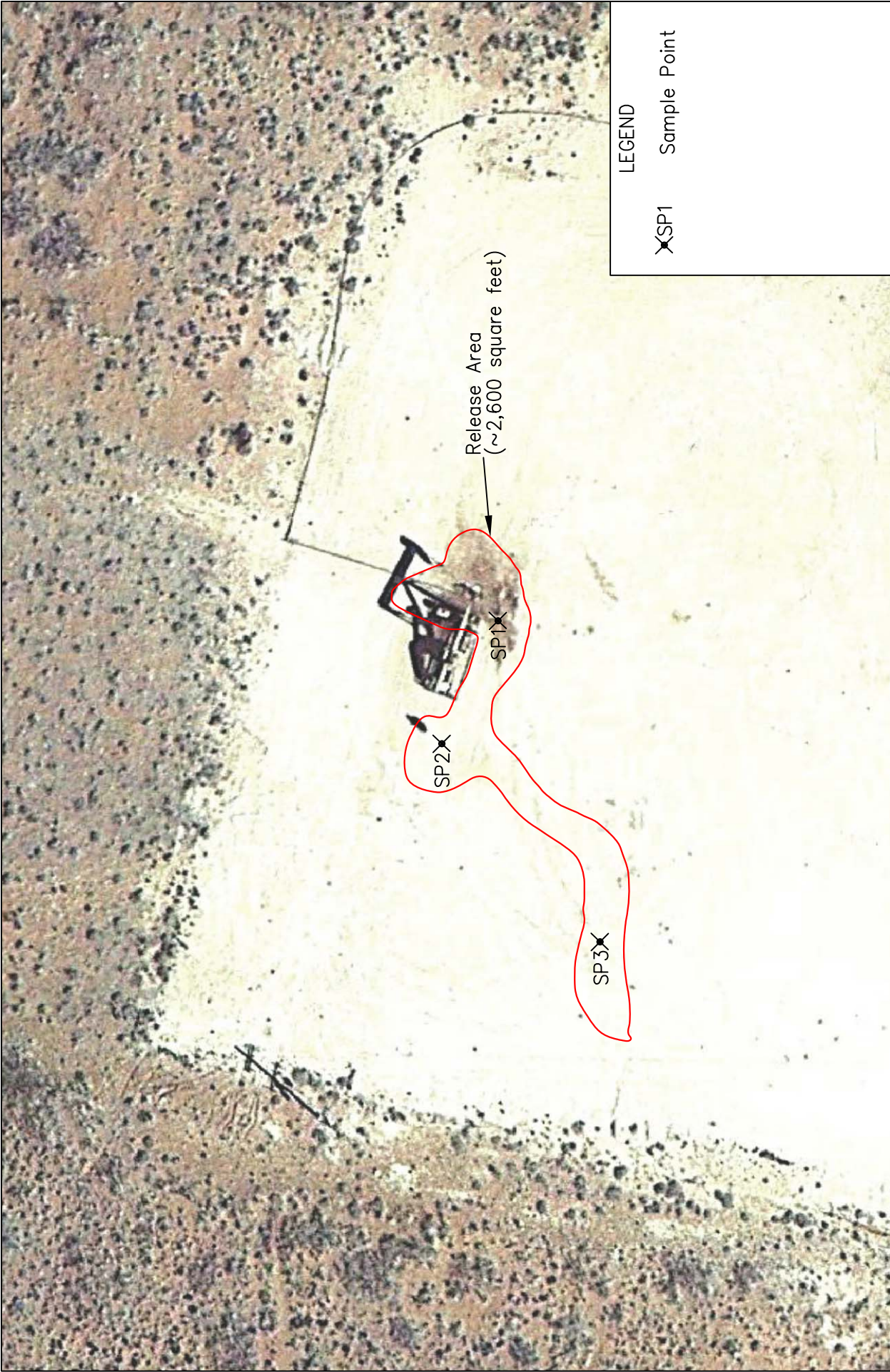
FIGURES


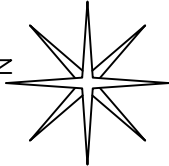


| | | | | |
|---|--|--|--|---|
| Figure 1 Area Map Bopco, L.P. PLU #211 | Eddy County, New Mexico NW 1/4 of SE 1/4, Sec. 18, T24S, R30E N 32° 12' 56.66" W 103° 55' 06.87" Elevation: 3,181 feet amsl | DWG By: D Dominguez October 2016 | | REVISED: |
| | | 0 3 6 | | SHEET 1 of 1 |
| | |  Miles | |  |



| | | | | | | |
|--|--|--|---|--|----------|---|
| Figure 2 Site Location Map Bopco, L.P. PLU #211 | Eddy County, New Mexico NW 1/4 of SE 1/4, Sec. 18, T24S, R30E N 32° 12' 56.66" W 103° 55' 06.87" Elevation: 3,181 feet amsl | | DWG By: D Dominguez October 2016 | | REVISED: |  |
| | | |  Feet | | SHEET | |
| | | | | | 1 of 1 | |



| | | | |
|---|--|--|--|
|  | | <p>LEGEND</p> <p>X SP1 Sample Point</p> | |
| <p>Figure 3 Site/Sample Map Bopco, L.P. PLU #211</p> | | <p>Eddy County, New Mexico NW 1/4 of SE 1/4, Sec. 18, T24S, R30E N 32° 12' 56.66" W 103° 55' 06.87" Elevation: 3,181 feet amsl</p> | |
| <p>DWG By: D Dominguez October 2016</p> | | <p>REVISED:</p> | |
| <p>0 40 80 Feet</p> | | <p>SHEET 1 of 1</p> | |
| | | <p>N</p>  | |

TABLES

TABLE 1

Well Data

Bopco, L.P. - PLU #211

| Ref # | Well Number | Use | Diversion ^A | Owner | q64 | q16 | q4 | Sec | Twsp | Rng | Easting | Northing | Distance ^B | Date Measured | Surface Elevation ^C | Depth to Water (ft bgs) |
|-------|-------------|-----|------------------------|-----------------------------|-----|-----|----|-----|------|-----|---------|----------|-----------------------|---------------|--------------------------------|-------------------------|
| 1 | C 02106 | DOL | 0 | M & M CATTLE CO. | | 3 | 3 | 18 | 24S | 30E | 601088 | 3564435 | 925 | -- | 3,149 | -- |
| 2 | C 03616 | PRO | 0 | CONCHO OIL & GAS | 1 | 2 | 4 | 19 | 24S | 30E | 602130 | 3563412 | 1,466 | 31-Dec-63 | 3,175 | 150 |
| 3 | C 02108 | STK | 3 | A PARTNERSHIP M&M CATTLE CO | | 1 | 3 | 8 | 24S | 30E | 602702 | 3566487 | 1,808 | 31-Dec-63 | 3,197 | 186 |

* = Data obtained from the New Mexico Office of the State Engineer Website (http://waters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)^A = In acre feet per annum^B = In meters^C = Elevation interpolated from USGS topographical map based on referenced location.

-- = Data not provided on the NM iwaters website

DOL = 72-12-1 Domestic and Livestock watering

PRO = 72-12-1 Prospecting or development of Natural Resource

STK = 72-12-1 Livestock watering

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest

Shaded area indicates wells not shown in Figure 2

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco L.P.
PLU #211

| Lab Sample ID | Depth (feet) | Soil Status | Sample Date | PID Reading (ppm) | Field Chloride (mg/Kg) | Benzene (mg/Kg) | Toluene (mg/Kg) | Ethylbenzene (mg/Kg) | Total Xylenes (mg/Kg) | Total BTEX (mg/Kg) | GRO C6-C10 (mg/Kg) | DRO C10-C28 (mg/Kg) | EXT DRO C28-C35 (mg/Kg) | Total TPH (mg/Kg) | Chloride (mg/Kg) |
|--|--------------|-------------|-------------|-------------------|------------------------|-----------------|-----------------|----------------------|-----------------------|--------------------|--------------------|---------------------|-------------------------|-------------------|------------------|
| SP1 | Surface | Excavated | 23-Jun-16 | 10 | >4,000 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.7 | <10.0 | 10.7 | 64,000 |
| | 1 | In Situ | 23-Jun-16 | 4.4 | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 256 |
| SP2 | Surface | Excavated | 23-Jun-16 | 4.7 | >4,000 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 17.7 | <10.0 | 17.7 | 48,000 |
| | 1 | In Situ | 23-Jun-16 | 2.1 | 2,640 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2 | In Situ | 23-Jun-16 | 1.3 | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 144 |
| SP3 | Surface | Excavated | 23-Jun-16 | 4 | >4,000 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 50,400 |
| | 1 | In Situ | 23-Jun-16 | 1.1 | 1,920 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| | 2 | In Situ | 23-Jun-16 | 1.0 | 200 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 128 |
| NMOCD Recommended Remedial Action Levels | | | | 100 | | 10 | | | | 50 | | | | 5,000 | 1,000 |

-- = Not Analyzed
Red values are in excess of NMOCD Recommended Remedial Action Levels
Shaded values indicates soil has been excavated

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Looking across release area



Photograph #2 – Looking across release area



Photograph #3 – Looking across release area



Photograph #4 – Excavated area



Photograph #5 – Excavated area



Photograph #6 – Excavated area



Photograph #7 – Backfilled area



Photograph #8 – Backfilled area

ATTACHMENT II
Laboratory Analytical Results



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 30, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #211

Enclosed are the results of analyses for samples received by the laboratory on 06/27/16 12:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (SURFACE) (H601398-01)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.87 | 93.3 | 2.00 | 0.483 | |
| Toluene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.76 | 88.0 | 2.00 | 0.264 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.67 | 83.3 | 2.00 | 0.257 | |
| Total Xylenes* | <0.150 | 0.150 | 06/28/2016 | ND | 5.13 | 85.4 | 6.00 | 0.404 | |
| Total BTX | <0.300 | 0.300 | 06/28/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64000 | 16.0 | 06/28/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | 10.7 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 42.9 % 35-147

Surrogate: 1-Chlorooctadecane 40.3 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (1') (H601398-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.87 | 93.3 | 2.00 | 0.483 | |
| Toluene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.76 | 88.0 | 2.00 | 0.264 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.67 | 83.3 | 2.00 | 0.257 | |
| Total Xylenes* | <0.150 | 0.150 | 06/28/2016 | ND | 5.13 | 85.4 | 6.00 | 0.404 | |
| Total BTEx | <0.300 | 0.300 | 06/28/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 06/28/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.1 % 35-147

Surrogate: 1-Chlorooctadecane 76.5 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (SURFACE) (H601398-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.87 | 93.3 | 2.00 | 0.483 | |
| Toluene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.76 | 88.0 | 2.00 | 0.264 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.67 | 83.3 | 2.00 | 0.257 | |
| Total Xylenes* | <0.150 | 0.150 | 06/28/2016 | ND | 5.13 | 85.4 | 6.00 | 0.404 | |
| Total BTX | <0.300 | 0.300 | 06/28/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48000 | 16.0 | 06/29/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | 17.7 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.1 % 35-147

Surrogate: 1-Chlorooctadecane 83.7 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (2') (H601398-04)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.87 | 93.3 | 2.00 | 0.483 | |
| Toluene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.76 | 88.0 | 2.00 | 0.264 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.67 | 83.3 | 2.00 | 0.257 | |
| Total Xylenes* | <0.150 | 0.150 | 06/28/2016 | ND | 5.13 | 85.4 | 6.00 | 0.404 | |
| Total BTX | <0.300 | 0.300 | 06/28/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 06/29/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.2 % 35-147

Surrogate: 1-Chlorooctadecane 81.7 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (SURFACE) (H601398-05)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.87 | 93.3 | 2.00 | 0.483 | |
| Toluene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.76 | 88.0 | 2.00 | 0.264 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/28/2016 | ND | 1.67 | 83.3 | 2.00 | 0.257 | |
| Total Xylenes* | <0.150 | 0.150 | 06/28/2016 | ND | 5.13 | 85.4 | 6.00 | 0.404 | |
| Total BTX | <0.300 | 0.300 | 06/28/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 50400 | 16.0 | 06/29/2016 | ND | 400 | 100 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.7 % 35-147

Surrogate: 1-Chlorooctadecane 78.9 % 28-171

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 06/27/2016
Reported: 06/30/2016
Project Name: PLU #211
Project Number: NONE GIVEN
Project Location: UL-J SEC. 18, T24S. R30E

Sampling Date: 06/23/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (2') (H601398-06)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/29/2016 | ND | 1.67 | 83.3 | 2.00 | 0.293 | | |
| Toluene* | <0.050 | 0.050 | 06/29/2016 | ND | 1.57 | 78.7 | 2.00 | 0.315 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/29/2016 | ND | 1.49 | 74.6 | 2.00 | 0.127 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/29/2016 | ND | 4.59 | 76.5 | 6.00 | 0.188 | | |
| Total BTX | <0.300 | 0.300 | 06/29/2016 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 06/29/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.1 | 200 | 0.337 | |
| DRO >C10-C28 | <10.0 | 10.0 | 06/27/2016 | ND | 190 | 95.2 | 200 | 0.0205 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 06/27/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.4 % 35-147

Surrogate: 1-Chlorooctadecane 75.2 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form
LAB Cardinal

(575) 394-3481 FAX: (575) 394-2601

Company Name Environmental Plus, Inc.

EPI Project Manager Daniel Dominguez

Mailing Address P.O. BOX 1558

City, State, Zip Eunice New Mexico 88231

EPI Phone#/Fax# 575-394-3481 / 575-394-2601

Client Company BOPCO

Facility Name PLU #211

Location UL-J Sec. 18, T24S, R30E

A/E#

EPI Sampler Name David Robinson

Bill To

BOPCO, L.P.
Attn: Brad Blevins
522 W. Mermod, Suite 704
Carlsbad, NM 88220

ANALYSIS REQUEST

| LAB I.D. | SAMPLE I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | SAMPLING | | ANALYSIS REQUEST | | | | | | | | | |
|----------|-----------------|-------------------|--------------|--------------|------------|------|-----------|--------|--------|-----------|----------|-------|------------------|-------|------------|-----------|------------------------------|---|----|------|-----------|-----|
| | | | | GROUND WATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: | ACID/BASE | ICE/COOL | OTHER | DATE | TIME | BTEX 8021B | TPH 8015M | CHLORIDES (Cl ⁻) | SULFATES (SO ₄ ²⁻) | pH | TCLP | OTHER >>> | PAH |
| H001398 | 1 SP1 (Surface) | G | 1 | | | X | | | | | X | | 23-Jun-16 | 8:15 | X | X | X | | | | | |
| | 2 SP1 (1') | G | 1 | | | X | | | | | X | | 23-Jun-16 | 8:31 | X | X | X | | | | | |
| | 3 SP2 (Surface) | G | 1 | | | X | | | | | X | | 23-Jun-16 | 9:45 | X | X | X | | | | | |
| | 4 SP2 (2') | G | 1 | | | X | | | | | X | | 23-Jun-16 | 10:02 | X | X | X | | | | | |
| | 5 SP3 (Surface) | G | 1 | | | X | | | | | X | | 23-Jun-16 | 10:30 | X | X | X | | | | | |
| | 6 SP3 (2') | G | 1 | | | X | | | | | X | | 23-Jun-16 | 10:47 | X | X | X | | | | | |
| | 7 | | | | | | | | | | | | | | | | | | | | | |
| | 8 | | | | | | | | | | | | | | | | | | | | | |
| | 9 | | | | | | | | | | | | | | | | | | | | | |
| | 10 | | | | | | | | | | | | | | | | | | | | | |

Sampler Relinquished:

Date 6/24/16

Received By:

E-mail results to: ddominguezepi@gmail.com & bblevins@basspet.com

NOTES:

Relinquished by:

Date 6/24/16

Received By: (lab staff)

Checked By:

Delivered by:

Date 6/24/16

Sample Codi & Intact

Yes No

-8.72

#75

ATTACHMENT III
Copy of Initial NMOCD Form C-141
Final C-141

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

NAB1614432551 OPERATOR ☒ Initial Report ☐ Final Report

| | |
|--|---|
| Name of Company: BOPCO, L.P. <u>260737</u> | Contact: Bradley Blevins |
| Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220 | Telephone No. 575-887-7329 |
| Facility Name: PLU 211 | Facility Type: Exploration and Production |

| | | |
|------------------------|----------------|--------------------|
| Surface Owner: Federal | Mineral Owner: | API No. 3001533858 |
|------------------------|----------------|--------------------|

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|------------------|-----------------------|----------------|----------------|
| Unit Letter J | Section 18 | Township 24S | Range 30E | Feet from the 1980 | North/South Line | Feet from the 1980 | East/West Line | County Eddy |
|------------------|---------------|-----------------|--------------|-----------------------|------------------|-----------------------|----------------|----------------|

Latitude: 32.215775 Longitude: 103.918663

NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release: Produced Water | Volume of Release: 14 barrels PW | Volume Recovered: 5 barrels PW |
| Source of Release: Wellhead/ Polish rod pack off assembly | Date and Hour of Occurrence: 5-17-16 @ 2:30pm | Date and Hour of Discovery: 5-17-16 @ 3:00pm |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

BOPCO EHS was notified of a release that occurred at the PLU 211 due to the polish rod pack off assembly was loose. The lease operator was able to tighten the pack off assembly and call for a vacuum truck to recover the standing fluid (5 barrels PW).

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 5 barrels of produced water. An initial scrape and sampling event will be scheduled.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | | |
|--|--|--|-----------------------------|
| Signature: <u>Bradley Blevins</u> | | OIL CONSERVATION DIVISION | |
| Printed Name: Bradley Blevins | | Approved by Environmental Specialist: <u>[Signature]</u> | |
| Title: Assistant Remediation Foreman | | Approval Date: <u>5/20/16</u> | Expiration Date: <u>N/A</u> |
| E-mail Address: bblevins@basspet.com | | Conditions of Approval: | |
| Date: <u>5-19-16</u> Phone: 432-214-3704 | | Remediation per O.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO LATER THAN: <u>10/24/16</u> | |

* Attach Additional Sheets If Necessary

Attached ☐

ARP-3705

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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR


| | | |
|--|---|--|
| Name of Company: BOPCO, L.P. | Contact: Bradley Blevins | <input type="checkbox"/> Initial Report <input checked="" type="checkbox"/> Final Report |
| Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220 | Telephone No. 575-887-7329 | |
| Facility Name: PLU #211; 2RP# 3705 | Facility Type: Exploration and Production | |
| Surface Owner: Federal | Mineral Owner: | API No. 30-015-33858 |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter J | Section 18 | Township 24S | Range 30E | Feet from the 1980 | North/South Line South | Feet from the 1980 | East/West Line East | County Eddy |
|------------------|---------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

Latitude: N 32.215775° Longitude: W 103.918663°

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: produced water | Volume of Release: 14 bbls produced water | Volume Recovered: 5 bbl produced water |
| Source of Release: wellhead/polish rod pack off assembly | Date and Hour of Occurrence: 5/17/16 @ 2:30 pm | Date and Hour of Discovery: 5/17/16 @ 3:00 pm |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour: | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse: Not Applicable | |
| If a Watercourse was Impacted, Describe Fully.* Not Applicable | | |
| Describe Cause of Problem and Remedial Action Taken.* BOPCO EHS was notified of a release that occurred at the PLU 211 due to the polish rod pack off assembly was loose. The lease operator was able to tighten the pack off assembly and call for a vacuum truck to recover the standing fluid (5 barrels PW). | | |
| Describe Area Affected and Cleanup Action Taken.* A vacuum truck was called to the location and was able to recover 5 barrels of produced water. Samples were collected and sent for testing. Based on laboratory analytical data and NMOCD approval the contaminated soil has been excavated and hauled to a state approved disposal facility, and the excavation backfilled with clean soil. | | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | | |
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Bradley Blevins | Approved by Environmental Specialist: | |
| Title: Assistant Remediation Foreman | Approval Date: | Expiration Date: |
| E-mail Address: bblevins@basspet.com | Conditions of Approval: | |
| Date: <u>10/19/2016</u> Phone: 432-214-3704 | Attached <input type="checkbox"/> | |

* Attach Additional Sheets If Necessary