

ENVIRONMENTAL PLUS, INC.

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



CLOSURE REPORT

BOPCO, LP
Poker Lake Unit #428H
Eddy County, New Mexico
Unit Letter "C", Section 34, Township 24 South, Range 30 East
Latitude 32.180438 North, Longitude 103.871574 West
NMOCD Reference #2RP-2528

Prepared For:

BOPCO, LP
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220

Prepared By:

Environmental Plus Inc.
2100 Ave O
Eunice, NM 88231

December 2014

Daniel Dominguez
Project Manager



9 December 2014

Mr. Mike Bratcher
Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

RE: Final Closure Report
Bopco – Poker Lake Unit #428H
UL-C, Section 34, Township 24 South, Range 30 East
Eddy County, New Mexico
NMOCD Reference # 2RP 2528

Mr. Bratcher:

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

Background Information:

The process vessels pressured up sending crude oil out the flare line. The pressure problem was corrected. The release impacted approximately 1,490 sq. ft. of pipeline right of way area with oil saturation depth of less than 6". Approximately 30,000 sq. ft. of pasture area was also lightly misted. The entire impacted area was treated with Micro-Blaze. A sampling event was conducted to determine the effectiveness of the treatment and the possible need for further remediation.

Remediation Activities:

EPI personnel mobilized on the site on September 26, 2014 to collect soil samples via hand auger to determine the vertical extent of contamination. A total of eighteen (18) soil samples were collected from six (6) sample locations. On October 2, 2014 five (5) additional, deeper, soil samples were collected from three (3) of the sample points; all samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the excavation is void of Benzene and BTEX concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg and 50 mg/Kg, respectively. TPH and/or Chloride concentrations exceed NMOCD RRALs of 5,000 mg/Kg and 1,000 mg/Kg, respectively, in all samples to depth of one (1) to two (2) feet bgs (reference *Figure 3* and *Table 2*).

On September 26, 2014 the overspray area was thoroughly sprayed with a six (6) percent solution of Micro-Blaze. The release area was then excavated to a depth of one (1) foot bgs in the areas of SP1, SP4, SP5 and SP6; two (2) feet bgs in the areas of SP2 and SP3. Approximately 266 cubic yards of excavated soil was hauled to a state approved facility for disposal.

Closure Activities:

The excavation was backfilled with approximately 266 cubic yards of clean soil free of rocks, clumps or deleterious material. The entire disturbed area was then disced and deep drill seeded with a mixture approved by the property owner, and watered.

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,

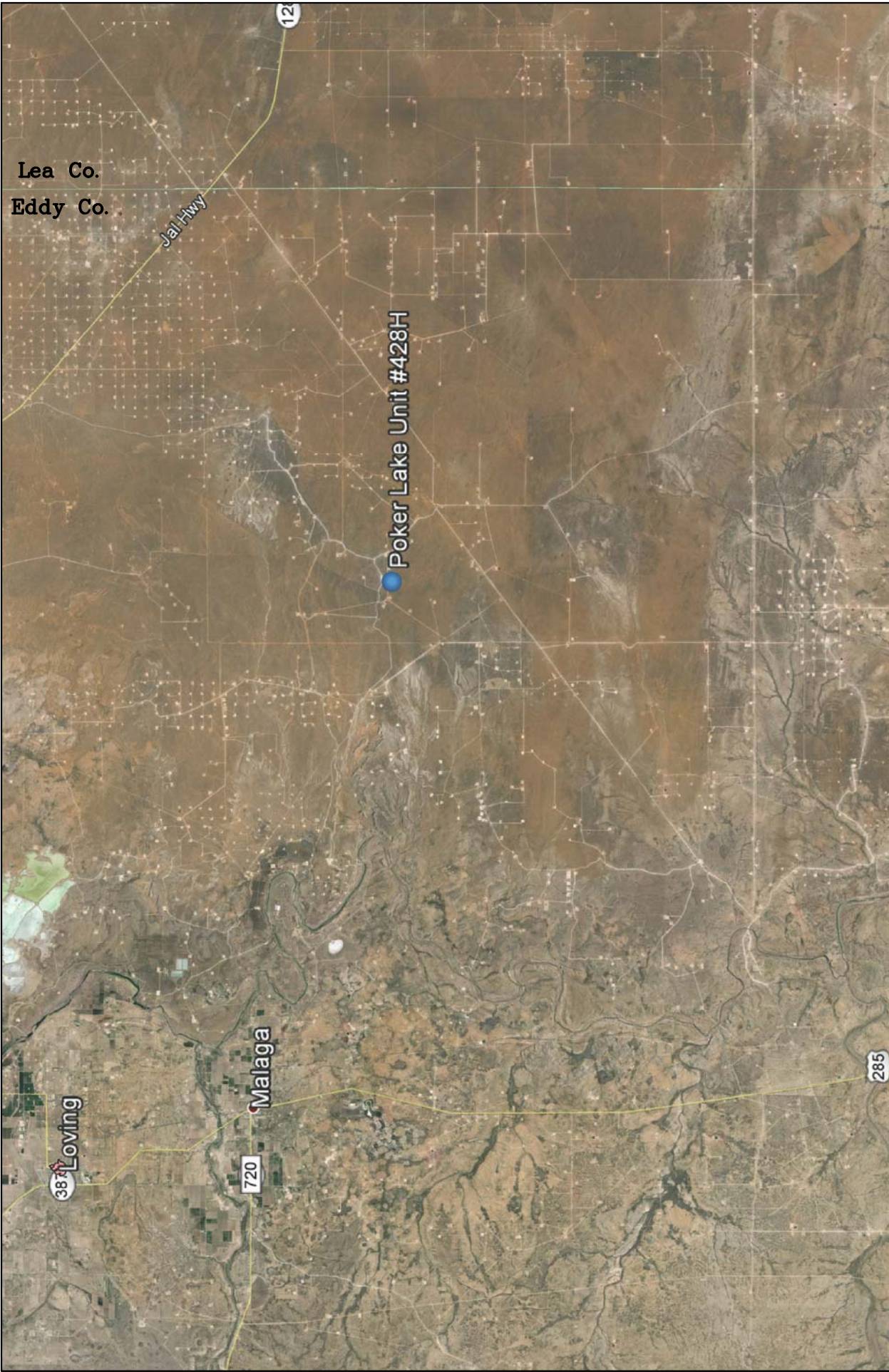
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Brad Blevins, EHS Asst. Remediation Foreman – Bopco, L.P.
Tony Savoie, Remediation Foreman – Bopco, L.P. 1(432)556-8730
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



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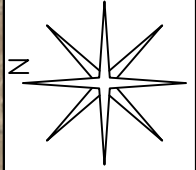
Poker Lake Unit #428H

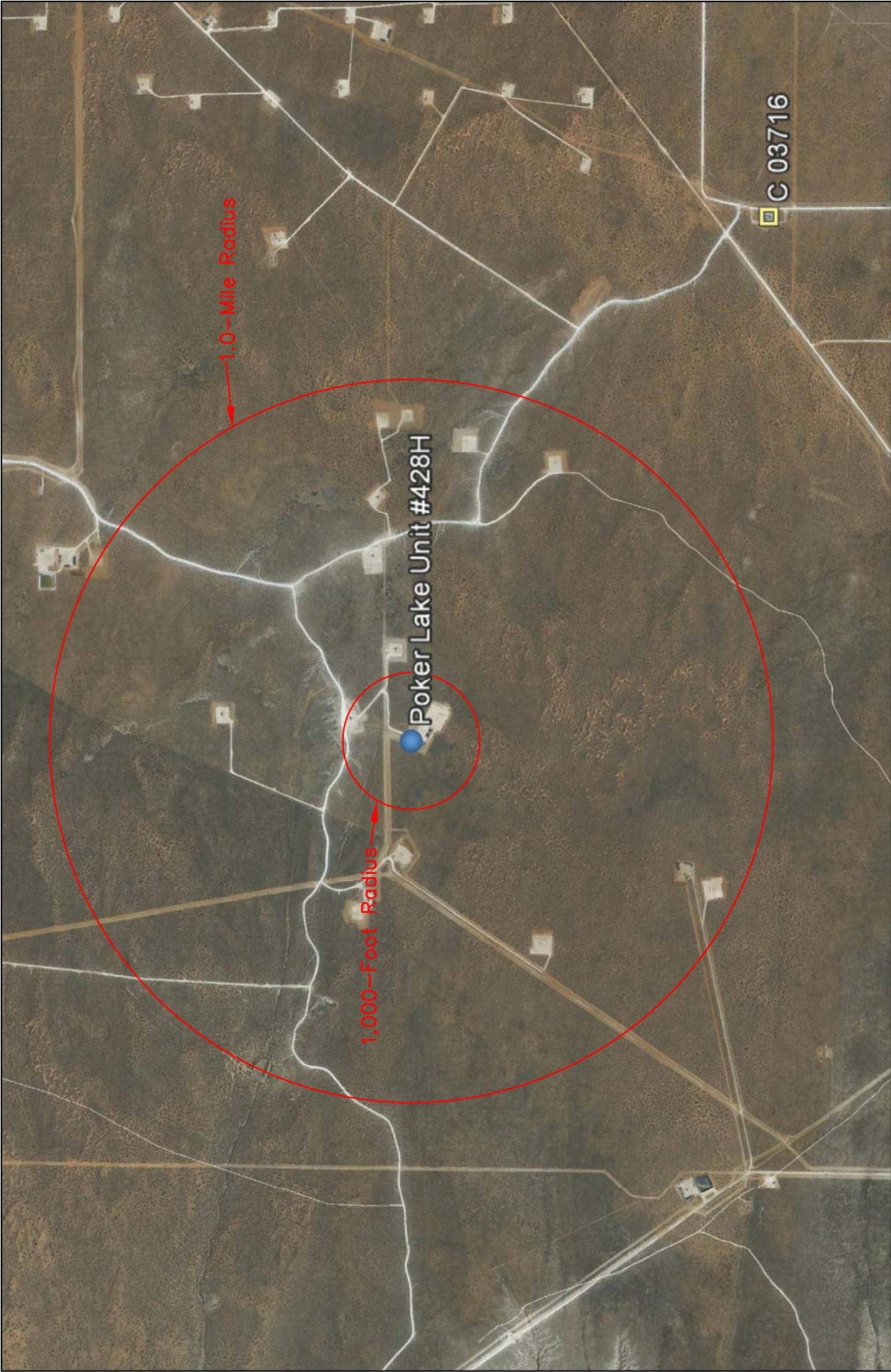
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| | | |
|--|-------------------------|--|
| <p>DWG By: D Dominguez December 2014</p> | <p>REVISED:</p> | <p>Figure 1 Area Map Bopco, L.P. Poker Lake Unit #428H</p> |
| <p>0 3 6 Miles</p> | <p>SHEET 1 of 1</p> | <p>Eddy County, New Mexico NE 1/4 of NW 1/4, Sec. 34, T24S, R30E N 32° 10' 49.58" W 103° 52' 17.67" Elevation: 3,345 feet amsl</p> |





| | | | | | | |
|---|--|--|---|--|-----------------|---|
| Figure 2 Site Location Map Bopco, L.P. Poker Lake Unit #428H | Eddy County, New Mexico NE 1/4 of NW 1/4, Sec. 34, T24S, R30E N 32° 10' 49.58" W 103° 52' 17.67" Elevation: 3,345 feet amsl | | DWG By: D Dominguez December 2014 | | REVISED: |  |
| | | |  | | SHEET 1 of 1 | |
| | | | | | | |
| | | | | | | |

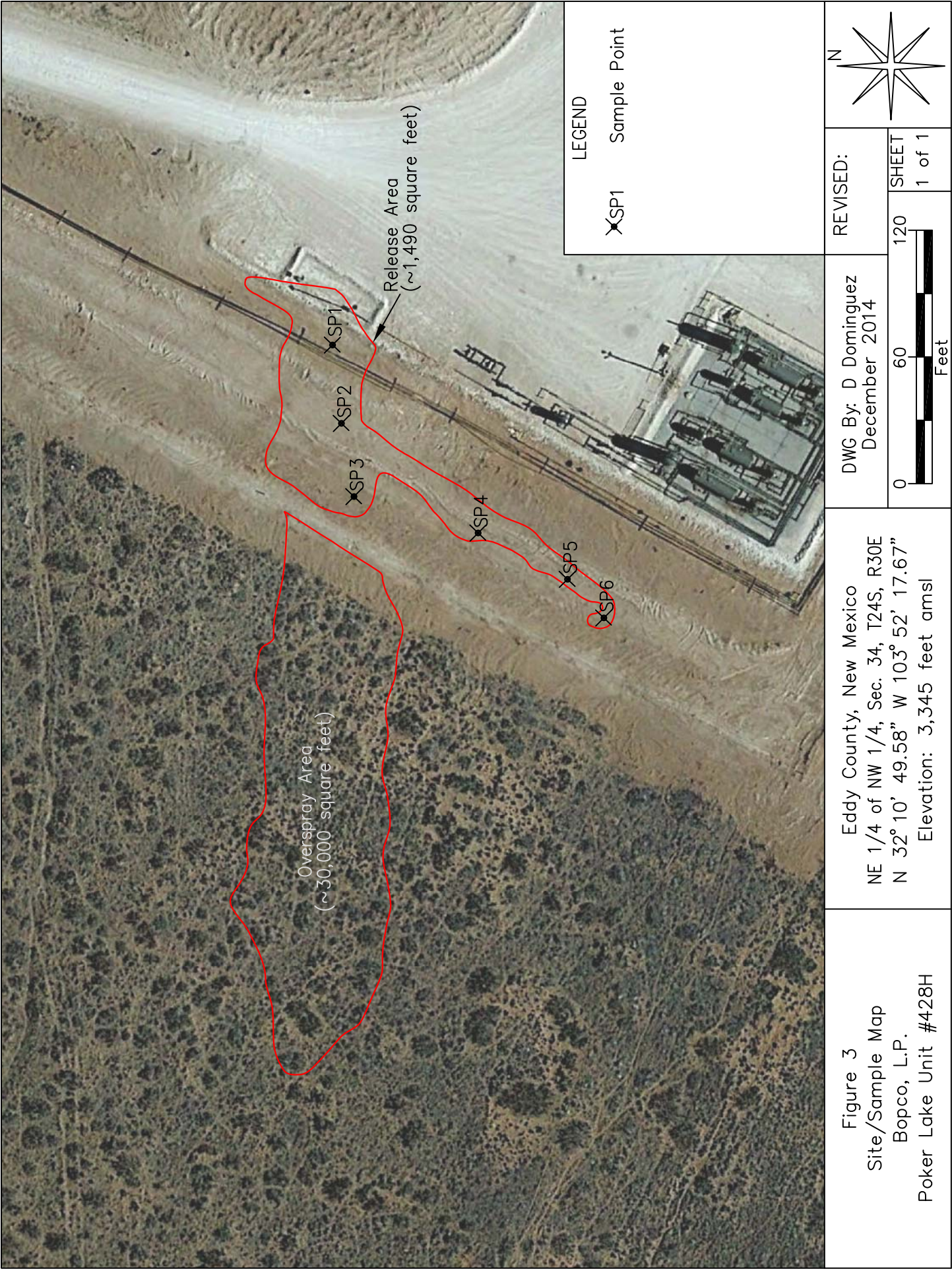


Figure 3
Site/Sample Map
Bopco, L.P.
Poker Lake Unit #428H

Eddy County, New Mexico
NE 1/4 of NW 1/4, Sec. 34, T24S, R30E
N 32° 10' 49.58" W 103° 52' 17.67"
Elevation: 3,345 feet amsl

DWG By: D Dominguez
December 2014

TABLES

TABLE 1

Well Data

Bopco, L.P. - Poker Lake Unit #428H

| Well Number | Use | Diversion ^A | Owner | q64 | q16 | q4 | Sec | Twsp | Rng | Easting | Northing | Date Measured | Surface Elevation ^B | Depth to Water (ft bgs) |
|-------------|-----|------------------------|----------|-----|-----|----|-----|------|-----|---------|----------|---------------|--------------------------------|----------------------------|
| C 03716 | EXP | 0 | BOPCO LP | 4 | 2 | 2 | 2 | 25S | 30E | 609069 | 3559211 | 03-Mar-14 | 3,402 | 425 |

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database

^A = In acre feet per annum

^B = Elevation interpolated from USGS topographical map based on referenced location.

EXP = Exploration

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

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco L.P.
Poker Lake Unit #428H

| 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 | 26-Sep-14 | 3.9 | 4,000 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 643 | 575 | 1,218 | 6,640 |
| | 1 | Excavated | 26-Sep-14 | 1.4 | 400 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.1 | <10.0 | 10.1 | 240 |
| | 2 | In Situ | 26-Sep-14 | 2.9 | 640 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 10.2 | <10.0 | 10.2 | 1,020 |
| SP2 | Surface | Excavated | 26-Sep-14 | 223.9 | 1,840 | <0.050 | 1.37 | 0.848 | 4.47 | 6.69 | 337 | 22,200 | 4,630 | 27,167 | 2,400 |
| | 1 | Excavated | 26-Sep-14 | 291 | 4,000 | <0.050 | 4.13 | 2.40 | 12.20 | 18.73 | 595 | 8,670 | 1,530 | 10,795 | 14,300 |
| | 2 | Excavated | 26-Sep-14 | 200 | 4,000 | <0.050 | 0.866 | 0.908 | 5.20 | 6.97 | 192 | 4,200 | 775 | 5,167 | 5,280 |
| | 3 | In Situ | 02-Oct-14 | 13.4 | 200 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 168 | 36.5 | 205 | 144 |
| | 4 | In Situ | 02-Oct-14 | 1.4 | 160 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 74.8 | 18.1 | 92.9 | 192 |
| SP3 | Surface | Excavated | 26-Sep-14 | 347 | 640 | 0.332 | 4.82 | 4.04 | 21.4 | 30.6 | 929 | 15,500 | 3,150 | 19,579 | 736 |
| | 1 | Excavated | 26-Sep-14 | 283 | 3,200 | <0.050 | 0.169 | 0.346 | 2.36 | 2.88 | 66.8 | 984 | 168 | 1,219 | 3,640 |
| | 2 | Excavated | 26-Sep-14 | 155 | 4,000 | <0.050 | 0.111 | 0.244 | 1.73 | 2.09 | 51.8 | 887 | 152 | 1,091 | 4,720 |
| | 3 | In Situ | 02-Oct-14 | 0.0 | 320 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 240 |
| | 4 | In Situ | 02-Oct-14 | 0.0 | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | 320 |
| SP4 | Surface | Excavated | 26-Sep-14 | 310 | 1,200 | <0.050 | 4.17 | 3.81 | 21.2 | 29.2 | 978.0 | 16,600 | 2,970 | 20,548 | 1,550 |
| | 1 | Excavated | 26-Sep-14 | 20.7 | 3,360 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 35.6 | 14.6 | 50.2 | 3,920 |
| | 2 | In Situ | 26-Sep-14 | 26.2 | 560 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 56.1 | <10.0 | 56.1 | 752 |
| | 3 | In Situ | 02-Oct-14 | 0.2 | 160 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <30.0 | <16.0 |
| | Surface | Excavated | 26-Sep-14 | 53.7 | 400 | <0.050 | 2.50 | 2.42 | 13.9 | 18.8 | 689 | 13,800 | 2,620 | 17,109 | 464 |
| SP5 | 1 | Excavated | 26-Sep-14 | 8.6 | 160 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 16.7 | 19.6 | 36.3 | <16.0 |
| | 2 | In Situ | 26-Sep-14 | 13.8 | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 304 | 66.8 | 370.8 | 32 |
| | Surface | Excavated | 26-Sep-14 | 97.7 | 560 | <0.050 | 5.73 | 5.48 | 27.4 | 38.6 | 1,960 | 27,300 | 5,050 | 34,310 | 384 |
| SP6 | 1 | Excavated | 26-Sep-14 | 9.8 | 160 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 18.6 | 34.9 | 53.5 | 96 |
| | 2 | In Situ | 26-Sep-14 | 19 | 240 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | 11.9 | 646 | 133 | 790.9 | 64 |
| | NMOCD Recommended Remedial Action Levels | | | 100 | | 10 | | | | 50 | | | | 5,000 | 1,000 |

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

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Lease sign



Photograph #2 – Looking northerly across release area



Photograph #3 – Looking north-easterly across release area



Photograph #4 – Looking westerly across release area and overspray area



Photograph #5 – Application of Micro-Blaze



Photograph #6 – Excavated area



Photograph #7 – Excavated area



Photograph #8 – Excavated area



Photograph #9 – Excavated area



Photograph #10 – Backfilled area



Photograph #11 – Backfilled area



Photograph #12 – Backfilled area

ATTACHMENT II
Laboratory Analytical Results



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

October 07, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #428 H

Enclosed are the results of analyses for samples received by the laboratory on 10/02/14 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 10/02/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (3') (H403021-01)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 10/03/2014 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 168 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 36.5 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 10/02/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (4') (H403021-02)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTEX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 10/03/2014 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 74.8 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 18.1 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 10/02/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (3') (H403021-03)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTEX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 10/03/2014 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | <10.0 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 99.4 % 52.1-176

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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 10/02/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (4') (H403021-04)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 10/03/2014 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | <10.0 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 10/02/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (3') (H403021-05)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 10/03/2014 | ND | 416 | 104 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | <10.0 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form
LAB Cardinal

Bill To

ANALYSIS REQUEST

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 #428H

Location UL-C Sec. 34, T24S, R30E

Project Reference

EPI Sampler Name Kirby Bingham

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

LAB I.D.

SAMPLE I.D.

H4D3D21

| 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: | | DATE | TIME | BTEX 8021B | TPH 8015M | CHLORIDES (Cl ⁻) | SULFATES (SO ₄ ²⁻) | pH | TCLP |
| 1 | SP2 (3') | G | 1 | | | X | | | | X | 02-Oct-14 | 10:13 | X | X | X | | | |
| 2 | SP2 (4') | G | 1 | | | X | | | | X | 02-Oct-14 | 10:15 | X | X | X | | | |
| 3 | SP3 (3') | G | 1 | | | X | | | | X | 02-Oct-14 | 11:03 | X | X | X | | | |
| 4 | SP3 (4') | G | 1 | | | X | | | | X | 02-Oct-14 | 11:04 | X | X | X | | | |
| 5 | SP4 (3') | G | 1 | | | X | | | | X | 02-Oct-14 | 11:25 | X | X | X | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

Sampler Relinquished:

Date: 10-2-14

Received By: [Signature]

Relinquished by: [Signature]

Date: 10-2-14

Received By: [Signature]

Delivered by: [Signature]

Date: 10-2-14

Sample Coded & Intact

Checked By: [Signature]

E-mail results to: ddominguezepi@gmail.com & hblevins@basspet.com
NOTES: & lasavoie@basspet.com



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

October 07, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #428 H

Enclosed are the results of analyses for samples received by the laboratory on 10/02/14 15:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (SURFACE) (H403022-01)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6640 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <50.0 | 50.0 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 643 | 50.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 575 | 50.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (1') (H403022-02)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 10.1 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 99.1 % 52.1-176

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*=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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (2') (H403022-03)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | | |
| Toluene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | | |
| Total BTX | <0.300 | 0.300 | 10/06/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1020 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 10.2 | 10.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.7 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (SURFACE) (H403022-04)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 1.37 | 0.500 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 0.848 | 0.500 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 4.47 | 1.50 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEx | 6.68 | 3.00 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2400 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 337 | 100 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 22200 | 100 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 4630 | 100 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 142 % 47.2-157

Surrogate: 1-Chlorooctadecane 760 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (1') (H403022-05)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 4.13 | 0.500 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 2.40 | 0.500 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 12.2 | 1.50 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEx | 18.8 | 3.00 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 14300 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 595 | 50.0 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 8670 | 50.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 1530 | 50.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 149 % 47.2-157

Surrogate: 1-Chlorooctadecane 221 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (2') (H403022-06)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 0.866 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 0.908 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 5.20 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEX | 6.97 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 118 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5280 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 192 | 50.0 | 10/06/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 4200 | 50.0 | 10/06/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 775 | 50.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 47.2-157

Surrogate: 1-Chlorooctadecane 166 % 52.1-176

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Eunice NM, 88231
Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (SURFACE) (H403022-07)

| BTEx 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.332 | 0.050 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 4.82 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 4.04 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 21.4 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEX | 30.5 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 144 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|-----------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 736 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | mg/kg | | Analyzed By: ms | | | | | | S-06 |

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------------------|--------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | 929 | 100 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 15500 | 100 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 3150 | 100 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 188 % 47.2-157

Surrogate: 1-Chlorooctadecane 446 % 52.1-176

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Eunice NM, 88231
Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (1') (H403022-08)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 0.169 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 0.346 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 2.36 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEX | 2.87 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3640 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | Analyzed By: ms | | | | | | |
|------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 66.8 | 10.0 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 984 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 168 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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Eunice NM, 88231
Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (2') (H403022-09)

| 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 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 0.111 | 0.050 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 0.244 | 0.050 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 1.73 | 0.150 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTEX | 2.08 | 0.300 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 4720 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 51.8 | 10.0 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 887 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 152 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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Eunice NM, 88231
Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (SURFACE) (H403022-10)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/06/2014 | ND | 1.81 | 90.6 | 2.00 | 3.17 | |
| Toluene* | 4.17 | 0.500 | 10/06/2014 | ND | 1.72 | 86.0 | 2.00 | 4.18 | |
| Ethylbenzene* | 3.81 | 0.500 | 10/06/2014 | ND | 1.62 | 81.0 | 2.00 | 5.22 | |
| Total Xylenes* | 21.2 | 1.50 | 10/06/2014 | ND | 4.81 | 80.1 | 6.00 | 5.47 | |
| Total BTX | 29.2 | 3.00 | 10/06/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1550 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |
| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
| | | | | S-06 | | | | | |

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------------------|--------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | 978 | 100 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 16600 | 100 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 2970 | 100 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 199 % 47.2-157

Surrogate: 1-Chlorooctadecane 841 % 52.1-176

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Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (1') (H403022-11)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | | |
| Total BTX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3920 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 35.6 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 14.6 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.2 % 52.1-176

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Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (2') (H403022-12)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 752 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 56.1 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.5 % 52.1-176

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Fax To: (505) 394-2601

Received: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 (SURFACE) (H403022-13)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | 2.50 | 0.500 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | 2.42 | 0.500 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | 13.9 | 1.50 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTX | 18.8 | 3.00 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 61-154

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 464 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | S-06 |

| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
|----------------------------|--------------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| GRO C6-C10 | 689 | 50.0 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 13800 | 50.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 2620 | 50.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 167 % 47.2-157

Surrogate: 1-Chlorooctadecane 408 % 52.1-176

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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 (1') (H403022-14)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | | |
| Total BTX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |

| 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 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 16.7 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 19.6 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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*=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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 (2') (H403022-15)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/07/2014 | ND | 181 | 90.7 | 200 | 1.07 | |
| DRO >C10-C28 | 304 | 10.0 | 10/07/2014 | ND | 189 | 94.7 | 200 | 2.55 | |
| EXT DRO >C28-C35 | 66.8 | 10.0 | 10/07/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 6 (SURFACE) (H403022-16)

| BTX 8021B | | mg/kg | | Analyzed By: ms | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | 5.73 | 2.00 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | 5.48 | 2.00 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | 27.4 | 6.00 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTX | 38.6 | 12.0 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 384 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | | |
| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | S-06 |

Surrogate: 1-Chlorooctane 584 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.3 % 52.1-176

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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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 6 (1') (H403022-17)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| 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 | 10/06/2014 | ND | 188 | 93.8 | 200 | 2.42 | |
| DRO >C10-C28 | 18.6 | 10.0 | 10/06/2014 | ND | 193 | 96.5 | 200 | 3.50 | |
| EXT DRO >C28-C35 | 34.9 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

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*=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: 10/02/2014
Reported: 10/07/2014
Project Name: PLU #428 H
Project Number: NONE GIVEN
Project Location: UL-C SEC.34, T24S, R30E

Sampling Date: 09/25/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 6 (2') (H403022-18)

| 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 | 10/07/2014 | ND | 1.89 | 94.3 | 2.00 | 1.65 | |
| Toluene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.81 | 90.3 | 2.00 | 2.65 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/07/2014 | ND | 1.71 | 85.4 | 2.00 | 2.12 | |
| Total Xylenes* | <0.150 | 0.150 | 10/07/2014 | ND | 5.05 | 84.2 | 6.00 | 1.70 | |
| Total BTEX | <0.300 | 0.300 | 10/07/2014 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 10/06/2014 | ND | 400 | 100 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 11.9 | 10.0 | 10/06/2014 | ND | 188 | 93.8 | 200 | 2.42 | |
| DRO >C10-C28 | 646 | 10.0 | 10/06/2014 | ND | 193 | 96.5 | 200 | 3.50 | |
| EXT DRO >C28-C35 | 133 | 10.0 | 10/06/2014 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 140 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|-------|--|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| QM-4X | The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits. |
| 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 |



Celey D. Keene, Lab Director/Quality Manager

Chain of Custody Form

P.O. Box 1558, Eunice, NM 88231

LAB
Cardinal

Bill To

ANALYSIS REQUEST

Bill To

Daniel Dominguez

P.O. BOX 1558

Eunice New Mexico 88231

575-394-3481 / 575-394-2601

BOPCO

UL-C Sec. 34, T24S, R30E

1

Dustin Crockett

SAMPLE I.D.

H4D3022

CONTAINERS

WASTEWATER

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

Date: 9/26/21 Received By:

Date 10/2/14

Received By: (lab staff)

12

Sample Cool & Intact

Checked by:

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

NOTES

.....& tasavoie@basspet.com

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

Page 2 of 2

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

**NM OIL CONSERVATION
ARTESIA DISTRICT**

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

OCT 08 2014

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

| | | | | | |
|--|--|---|--|--|---------------------------------------|
| NAB1428139099 | | OPERATOR | | <input checked="" type="checkbox"/> Initial Report | <input type="checkbox"/> Final Report |
| Name of Company: BOPCO, L.P. | | Contact: Tony Savoie | | | |
| Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220 | | Telephone No. 575-887-7329 | | | |
| Facility Name: Poker Lake Unit 428H Tank Battery | | Facility Type: Exploration and Production | | | |
| Surface Owner: Federal | | Mineral Owner: Federal | | API No. 30-015-41246 | |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter C | Section 34 | Township 24S | Range 30E | Feet from the 850 | North/South Line North | Feet from the 2225 | East/West Line West | County Eddy |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|-----------------------|------------------------|----------------|

Latitude N 32.180438 Longitude W 103.871574

NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release: Crude oil | Volume of Release: 5 bbls | Volume Recovered: None |
| Source of Release: Facility flare line | Date and Hour of Occurrence: 9/24/14 time unknown | Date and Hour of Discovery: 9/24/14 at approximately 12:00 p.m. |
| 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.*

The process vessels pressured up sending crude oil out the flare line. The pressure problem was corrected.

Describe Area Affected and Cleanup Action Taken.*

The release impacted approximately 1490 sq. ft. of pipeline right of way area with oil saturation depth of less than 6" and approximately 30,000 sq. ft. of pasture area that was lightly misted. The entire impacted area was treated with micro-blaze. A sampling event will be conducted later to determine the effectiveness of the treatment and the possible need for further remediation.

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>Tony Savoie</u> | | OIL CONSERVATION DIVISION | |
| Printed Name: Tony Savoie | | Signed By: <u>Mike Brannan</u> Approved by Environmental Specialist | |
| Title: Waste Management and Remediation Specialist | | Approval Date: <u>10/8/14</u> | Expiration Date: <u>N/A</u> |
| E-mail Address: tasavoie@basspet.com | | Conditions of Approval: | |
| Date: <u>10/7/14</u> | Phone: 432-556-8730 | Remediation per O.C.D. Rules & Guidelines SUBMIT REMEDIATION PROPOSAL NO LATER THAN: <u>11/8/14</u> | |

* Attach Additional Sheets If Necessary

Attached ☐

2RP-2528

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | | |
|--|---|-----------------------|
| Name of Company: Bopco, L.P. | Contact: Tony Savoie | |
| Address: 522 W. Mermod, Suite 704 Carlsbad, NM 88220 | Telephone No.: (575) 887-7329 | |
| Facility Name: Poker Lake Unit 428H Tank Battery | Facility Type: Exploration and Production | |
| Surface Owner: Federal | Mineral Owner: Federal | API No.: 30-015-41246 |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| C | 34 | 24S | 30E | 850 | North | 2225 | West | Eddy |

Latitude: N 32.180438° Longitude: W 103.871574°

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: crude oil | Volume of Release: 5 bbls | Volume Recovered: 0 bbls |
| Source of Release: facility flare line | Date and Hour of Occurrence: 9/24/14 time unknown | Date and Hour of Discovery: 9/24/14 @ ~12:00 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 | |

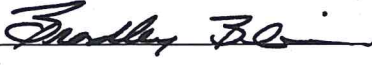
Depth to Water. ~400 ft bgs

If a Watercourse was Impacted, Describe Fully.* Not Applicable

Describe Cause of Problem and Remedial Action Taken.* The process vessels pressured up sending crude oil out the flare line. The pressure problem was corrected.

Describe Area Affected and Cleanup Action Taken.* The release impacted approximately 1,490 sq. ft. of pipeline right of way area with oil saturation depth of less than 6". Approximately 30,000 sq. ft. of pasture area was also lightly misted. The entire impacted area was treated with micro-blaze. A sampling event will be conducted later to determine the effectiveness of the treatment and the possible need for further remediation. Based on samples collected from the site, contaminated soil has been excavated and hauled to a state approved disposal facility and the excavation backfilled with clean soil. The spill area has been remediated in accordance to the NMOCD and BLM recommended guidelines.

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: Brad Blevins | | Approved by District Supervisor: | |
| Title: EHS Asst. Remediation Foreman | | Approval Date: | Expiration Date: |
| E-mail Address: bblevins@basspet.com | | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 12-10-14 Phone: (432) 214-3704 | | | |

* Attach Additional Sheets If Necessary