



25 November 2014

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

RE: Final Closure Report  
Bopco – Poker Lake Unit #387H  
UL-D, Section 18, Township 25 South, Range 31 East  
Eddy County, New Mexico  
NMOCD Reference # 2RP 2164

Mr. Bratcher:

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

**Background Information:**

The process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. Approximately 247,860 sq. ft. of pasture area was lightly misted by the release, fluid visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release, the vegetation was covered and there was 1 - 6 inches of saturation in the soil. The berm around the flare system contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and Micro-Blaze mixture.

**Remediation Activities:**

EPI personnel mobilized on the site on October 15 and 16, 2014 to collect soil samples via hand auger to determine the vertical extent of contamination. A total of twenty-seven (27) soil samples were collected from nine (9) sample locations. Two (2) soil samples were collected on October 24, 2014 from a soil stock pile on location; all samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the excavation in general 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. The soil stock pile is also void of contaminant concentrations in excess of NMOCD RRALs. Samples SP4, SP7, SP8, and SP9 indicate TPH concentrations in excess of NMOCD RRALs at surface level only (reference *Figure 3* and *Table 2*).

From October 20-24, 2014 the release area was thoroughly sprayed with a six (6) percent solution of Micro-Blaze and excavated to a depth of two (2) feet bgs. The excavated soil was then mixed with onsite soil stock pile to blend down the areas with elevated TPH concentrations.

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**Closure Activities:**

The excavation was backfilled with the remediated soil and again thoroughly sprayed with a six (6) percent solution of Micro-Blaze. Approximately 20 yards of chat was brought in to rebuild the berm around the flare. The entire disturbed area was then disced, 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](mailto:ddominguezepi@gmail.com) or Mr. Brad Blevins at (432) 214-3704 or via e-mail at [bblevins@basspet.com](mailto: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,

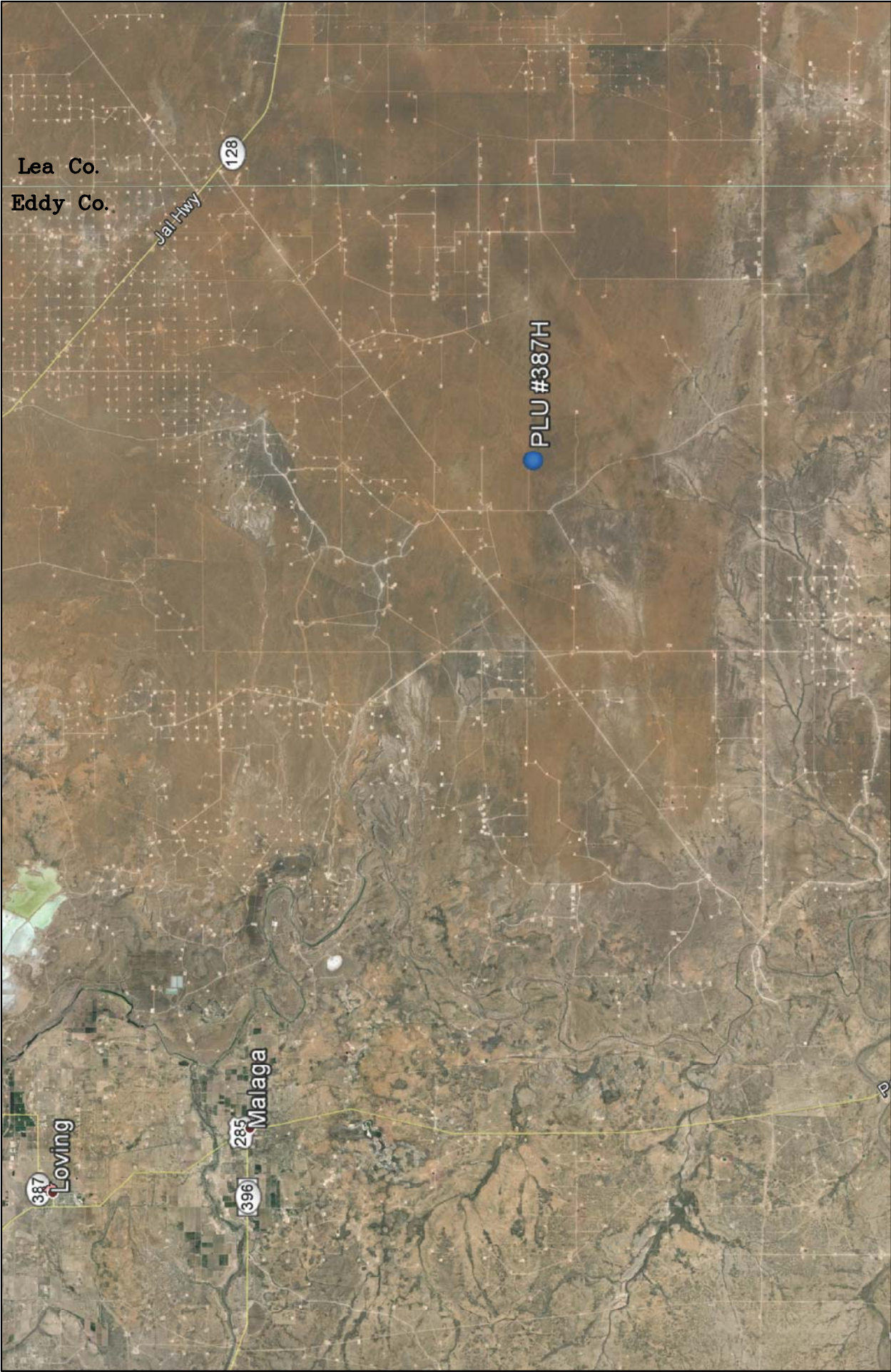
ENVIRONMENTAL PLUS, INC.

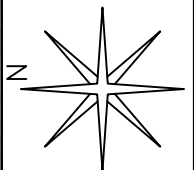
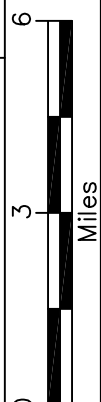
Daniel Dominguez  
Environmental Consultant

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

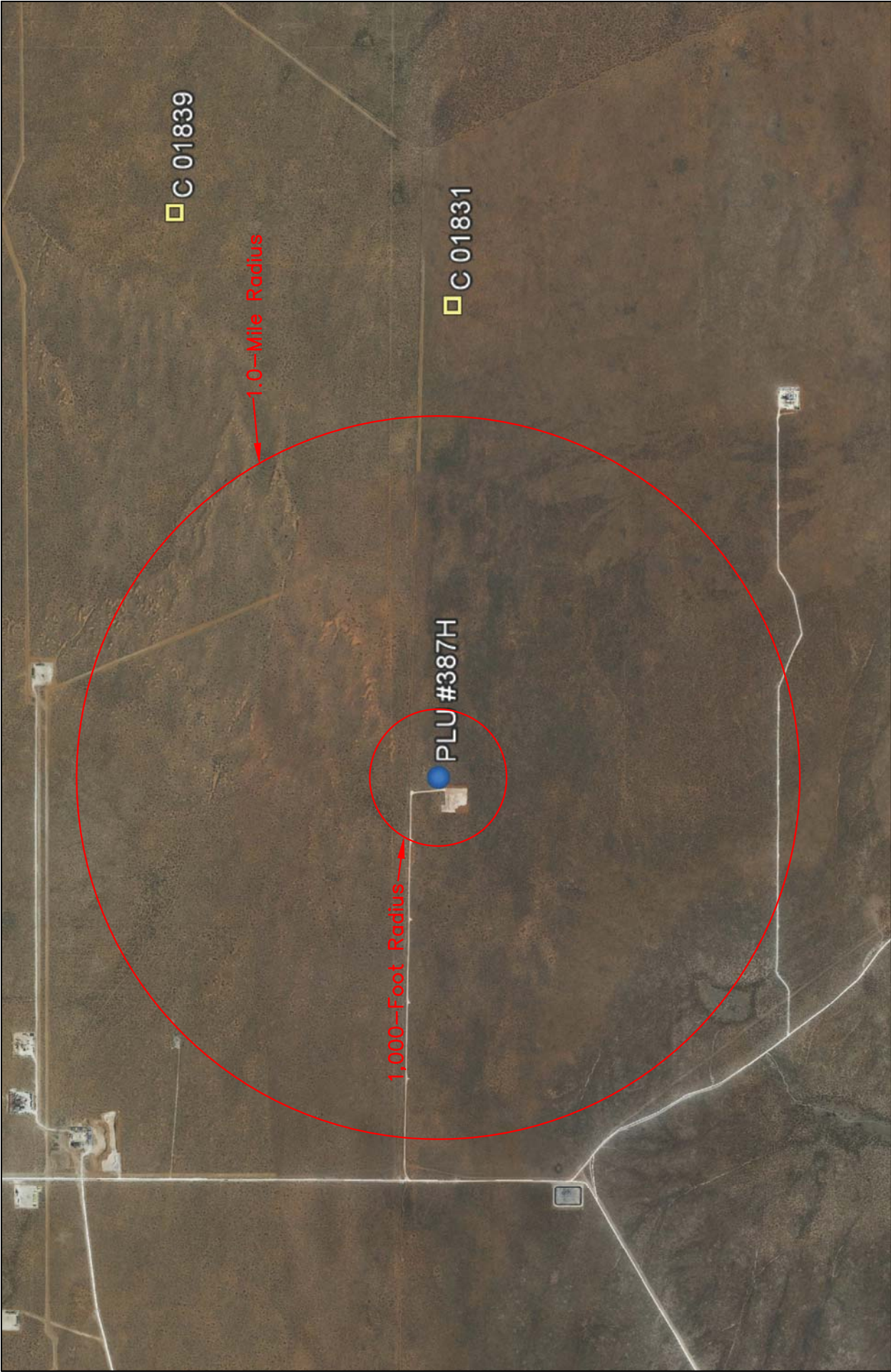
Encl.: Figure 1 – Area Map  
Figure 2 – Site Location Map  
Figure 3 – Site/Sample Map  
Table 1 – Well Data  
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results  
Attachment I – Photographs  
Attachment II – Laboratory Analytical Results  
Attachment III – Copy of Initial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

## **FIGURES**



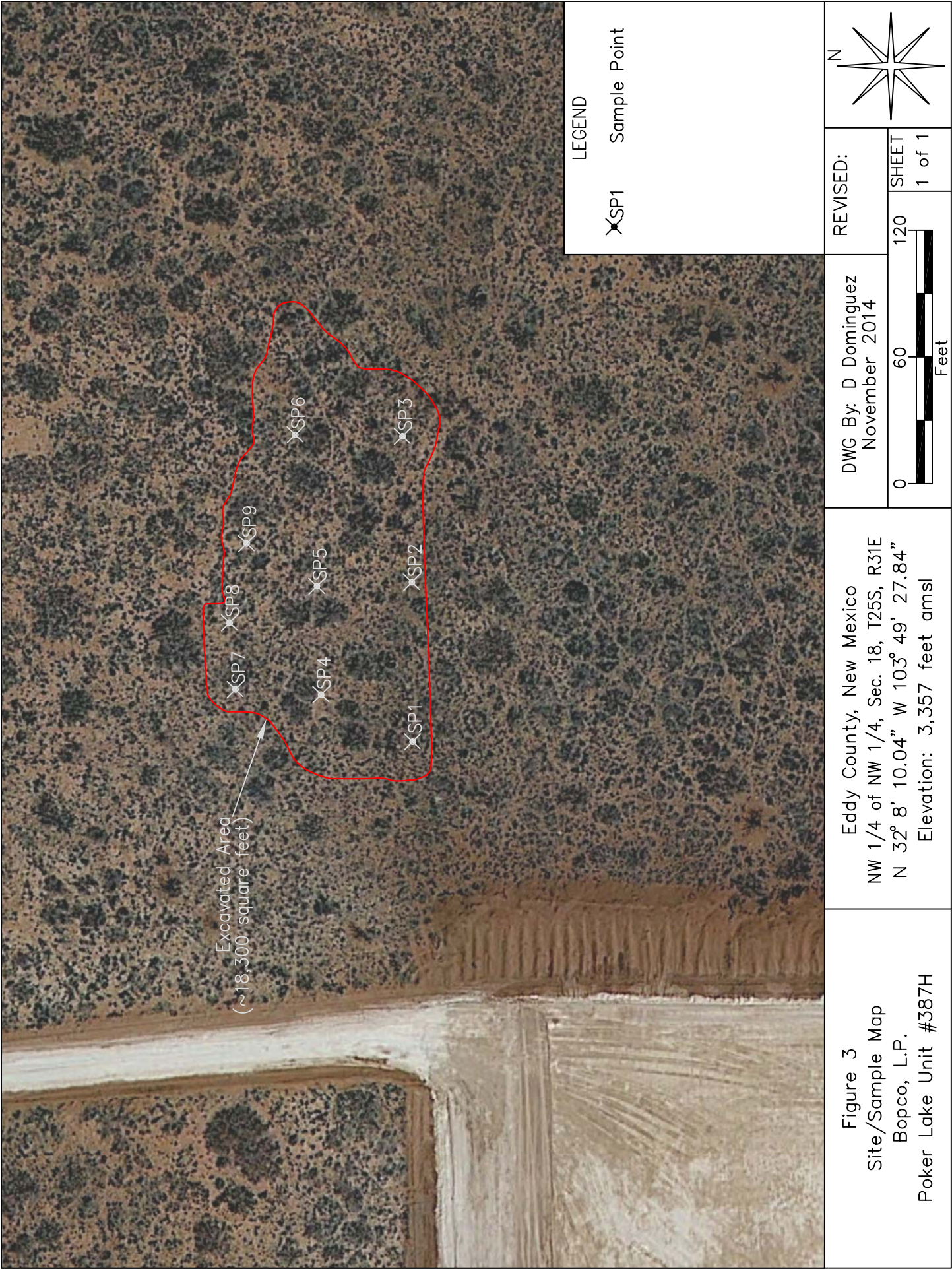
|  |  |   |  |  |  |          |  |  |  |
|--|--|---|--|--|--|----------|--|--|--|
| Figure 1<br>Area Map<br>Bopco, L.P.<br>Poker Lake Unit #387H |  | Eddy County, New Mexico<br>NW 1/4 of NW 1/4, Sec. 18, T25S, R31E<br>N 32° 8' 10.04" W 103° 49' 27.84"<br>Elevation: 3,357 feet amsl |  | DWG By: D Dominguez<br>November 2014   |  | REVISED: |  | N<br> |  |
|  |  |   |  | 0 3 6 Miles<br> |  | 6        |  | SHEET<br>1 of 1  |  |





|   |   |   |
|---|---|---|
| <p>Figure 2<br/>Site Location Map<br/>Bopco, L.P.<br/>Poker Lake Unit #387H</p> | <p>Eddy County, New Mexico<br/>NW 1/4 of NW 1/4, Sec. 18, T25S, R31E<br/>N 32° 8' 10.04" W 103° 49' 27.84"<br/>Elevation: 3,357 feet amsl</p> | <p>DWG By: D Dominguez<br/>November 2014</p> <p>REVISED:</p> <p>0 2,000 4,000 Feet</p> <p>SHEET<br/>1 of 1</p> <p>N</p> |
|---|---|---|





## **TABLES**

**TABLE 1**

**Well Data**

**Bopco - Poker Lake Unit #387H**

| Well Number | Use | Diversion <sup>A</sup> | Owner             | q64 | q16 | q4 | Sec | Twsp | Rng | Easting | Northing | Date Measured | Surface Elevation <sup>B</sup> | Depth to Water (ft bgs) |
|-------------|-----|------------------------|-------------------|-----|-----|----|-----|------|-----|---------|----------|---------------|--------------------------------|-------------------------|
| C 01839     | PRO | 0                      | OXY Petroleum Inc |     | 3   | 2  | 8   | 25S  | 31E | 613364  | 3557344  |               | 3,406                          |                         |
| C 01831     | PRO | 0                      | OXY Petroleum Inc |     | 2   | 1  | 17  | 25S  | 31E | 612972  | 3556126  |               | 3,381                          |                         |

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet1](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)) and USGS Database

<sup>A</sup> = In acre feet per annum

<sup>B</sup> = Elevation interpolated from USGS topographical map based on referenced location.

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

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 #387H**

| 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      | In Situ     | 15-Oct-14   | 9.0               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 3,610               | 1,150                   | 4,760             | 48               |
|               | 1            | In Situ     | 15-Oct-14   | 3.9               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 4.8               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
| SP2           | Surface      | In Situ     | 15-Oct-14   | 3.1               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 1            | In Situ     | 15-Oct-14   | 2.8               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 1.1               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
| SP3           | Surface      | In Situ     | 15-Oct-14   | 3.5               | 120                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 1            | In Situ     | 15-Oct-14   | 3.3               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 1.4               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
| SP4           | Surface      | In Situ     | 15-Oct-14   | 85.6              | 160                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 6,450               | 1,330                   | 7,780             | 48               |
|               | 1            | In Situ     | 15-Oct-14   | 5.8               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 4.9               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 14.1                | <10.0                   | 14.1              | <16.0            |
| SP5           | Surface      | In Situ     | 15-Oct-14   | 42.6              | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 902                 | 189                     | 1,091             | <16.0            |
|               | 1            | In Situ     | 15-Oct-14   | 2.8               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 1.7               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 15.3                | <10.0                   | 15.3              | <16.0            |
| SP6           | Surface      | In Situ     | 15-Oct-14   | 3.5               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 314                 | 106                     | 420               | <16.0            |
|               | 1            | In Situ     | 15-Oct-14   | 3.0               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
|               | 2            | In Situ     | 15-Oct-14   | 2.8               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 13.4                | <10.0                   | 13.4              | <16.0            |

**TABLE 2**  
**Summary of Soil Sample Field Testing and Laboratory Analytical Results**  
**Bopco L.P.**  
**Poker Lake Unit #387H**

| 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) |
|--|--------------|-------------|-------------|-------------------|------------------------|-----------------|-----------------|----------------------|-----------------------|--------------------|--------------------|---------------------|-------------------------|-------------------|------------------|
| SP7                                      | Surface      | In Situ     | 15-Oct-14   | 90.5              | 480                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 9,840               | 1,970                   | <b>11,810</b>     | 480              |
|  | 1            | In Situ     | 15-Oct-14   | 17.1              | 120                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 122                 | 60.9                    | 182.9             | 32               |
|  | 2            | In Situ     | 15-Oct-14   | 6.0               | 120                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 36                  | 17.0                    | 52.7              | <16.0            |
| SP8                                      | Surface      | In Situ     | 16-Oct-14   | 30.4              | 160                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 4,150               | 989                     | <b>5,139</b>      | 96               |
|  | 1            | In Situ     | 16-Oct-14   | 9.0               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 10.5                | <10.0                   | 10.5              | 32               |
|  | 2            | In Situ     | 16-Oct-14   | 4.0               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
| SP9                                      | Surface      | In Situ     | 16-Oct-14   | 25.8              | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 6,370               | 1,600                   | <b>7,970</b>      | <16.0            |
|  | 1            | In Situ     | 16-Oct-14   | 7.7               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 33.7                | 29.9                    | 63.6              | <16.0            |
|  | 2            | In Situ     | 16-Oct-14   | 3.9               | 80                     | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | <10.0               | <10.0                   | <30.0             | <16.0            |
| Comp 1                                   | Pile         | In Situ     | 24-Oct-14   | 15.9              | 160                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 379                 | 85.8                    | 464.8             | 16               |
| Comp 2                                   | Pile         | In Situ     | 24-Oct-14   | 9.8               | 160                    | <0.050          | <0.050          | <0.050               | <0.150                | <0.300             | <10.0              | 471                 | 130                     | 601               | 16               |
| NMOCD Recommended Remedial Action Levels |              |             |             | 100               |                        | 10              |                 |                      | <0.150                | <0.300             |                    |                     |                         | 5,000             | 1,000            |

-- = Not Analyzed  
**Bold** values are in excess of NMOCD Recommended Remedial Action Levels

## **ATTACHMENTS**



**ATTACHMENT I**  
**Photographs**



Photograph #1 – Lease sign



Photograph #2 – Looking north-east across release area



Photograph #3 – Looking north across release area



Photograph #4 – Looking north across pasture area release





Photograph #5 – Application of Micro-Blaze



Photograph #6 – Excavated area



Photograph #7 – Excavated area



Photograph #8 – Excavated area



Photograph #9 – Berm rebuilt around flare



Photograph #10 – Application of Mirco-Blaze





Photograph #11 – Backfilled area



Photograph #12 – Backfilled area

**ATTACHMENT II**  
**Laboratory Analytical Results**



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

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October 22, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #387H

Enclosed are the results of analyses for samples received by the laboratory on 10/17/14 12:41.

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](http://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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 1 [SURFACE] (H403205-01)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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             | 48.0   | 16.0            | 10/20/2014 | ND              | 416 | 104        | 400           | 3.92 |           |  |

| 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       | <100   | 100             | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | 3610   | 100             | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | 1150   | 100             | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 141 % 47.2-157

Surrogate: 1-Chlorooctadecane 235 % 52.1-176

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: 10/17/2014  
 Reported: 10/22/2014  
 Project Name: PLU #387H  
 Project Number: NONE GIVEN  
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 1 [1'] (H403205-02)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 98.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 1 [2'] (H403205-03)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Environmental Plus, Inc.  
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P.O. Box 1558  
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Fax To: (505) 394-2601

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 2 [SURFACE] (H403205-04)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 2 [1'] (H403205-05)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTEX     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 2 [2'] (H403205-06)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 10/17/2014  
 Reported: 10/22/2014  
 Project Name: PLU #387H  
 Project Number: NONE GIVEN  
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 3 [SURFACE] (H403205-07)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (505) 394-2601

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 3 [1'] (H403205-08)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 84.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 3 [2'] (H403205-09)**

| 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           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 5.27 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.72 | 86.0       | 2.00          | 6.28 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.63 | 81.3       | 2.00          | 6.47 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 4.84 | 80.7       | 6.00          | 6.71 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 4 [SURFACE] (H403205-10)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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             | 48.0   | 16.0            | 10/20/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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       | <100   | 100             | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | 6450   | 100             | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | 1330   | 100             | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 225 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 4 [1'] (H403205-11)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/20/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 68.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.2 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (505) 394-2601

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 4 [2'] (H403205-12)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTEX     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/17/2014 | ND              | 184 | 91.8       | 200           | 1.79 |           |
| DRO >C10-C28     | 14.1   | 10.0            | 10/17/2014 | ND              | 198 | 99.0       | 200           | 2.93 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/17/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 56.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 63.2 % 52.1-176

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 5 [SURFACE] (H403205-13)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 902    | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | 189    | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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**Analytical Results For:**

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 P.O. Box 1558  
 Eunice NM, 88231  
 Fax To: (505) 394-2601

 Received: 10/17/2014  
 Reported: 10/22/2014  
 Project Name: PLU #387H  
 Project Number: NONE GIVEN  
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 5 [1'] (H403205-14)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 5 [2'] (H403205-15)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 15.3   | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.2 % 52.1-176

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

 Received: 10/17/2014  
 Reported: 10/22/2014  
 Project Name: PLU #387H  
 Project Number: NONE GIVEN  
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 6 [SURFACE] (H403205-16)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 314    | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | 106    | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 6 [1'] (H403205-17)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 6 [2'] (H403205-18)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 13.4   | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.5 % 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: 10/17/2014  
 Reported: 10/22/2014  
 Project Name: PLU #387H  
 Project Number: NONE GIVEN  
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 7 [SURFACE] (H403205-19)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 143 % 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             | 480    | 16.0            | 10/20/2014 | ND              | 416 | 104        | 400           | 3.92 |           |

| 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       | <50.0  | 50.0            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 9840   | 50.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | 1970   | 50.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 124 % 47.2-157

Surrogate: 1-Chlorooctadecane 265 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (505) 394-2601

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 7 [1'] (H403205-20)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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             | 32.0   | 16.0            | 10/20/2014 | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 122    | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | 60.9   | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/15/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 7 [2'] (H403205-21)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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             | <16.0  | 16.0            | 10/20/2014 | 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            | 10/20/2014 | ND              | 186 | 93.2       | 200           | 1.87 |           |
| DRO >C10-C28     | 35.7   | 10.0            | 10/20/2014 | ND              | 195 | 97.5       | 200           | 2.76 |           |
| EXT DRO >C28-C35 | 17.0   | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 93.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

Environmental Plus, Inc.  
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Fax To: (505) 394-2601

Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 8 [SURFACE] (H403205-22)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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            | 10/20/2014 | 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       | <50.0  | 50.0            | 10/20/2014 | ND              | 177 | 88.3       | 200           | 1.44 |           |
| DRO >C10-C28     | 4150   | 50.0            | 10/20/2014 | ND              | 199 | 99.7       | 200           | 2.58 |           |
| EXT DRO >C28-C35 | 989    | 50.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 159 % 52.1-176

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Received: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 8 [1'] (H403205-23)**

| 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           | 10/20/2014 | ND              | 1.84 | 91.8       | 2.00          | 3.54 |           |
| Toluene*       | <0.050 | 0.050           | 10/20/2014 | ND              | 1.83 | 91.5       | 2.00          | 3.50 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/20/2014 | ND              | 1.84 | 92.2       | 2.00          | 3.72 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/20/2014 | ND              | 5.45 | 90.8       | 6.00          | 3.45 |           |
| Total BTX      | <0.300 | 0.300           | 10/20/2014 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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            | 10/20/2014 | 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            | 10/20/2014 | ND              | 177 | 88.3       | 200           | 1.44 |           |
| DRO >C10-C28     | 10.5   | 10.0            | 10/20/2014 | ND              | 199 | 99.7       | 200           | 2.58 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 89.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.3 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 8 [2'] (H403205-24)**

| 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           | 10/21/2014 | ND              | 1.81 | 90.6       | 2.00          | 8.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/21/2014 | ND              | 1.72 | 85.8       | 2.00          | 8.23 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/21/2014 | ND              | 1.61 | 80.6       | 2.00          | 9.37 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/21/2014 | ND              | 4.79 | 79.8       | 6.00          | 9.88 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/21/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | 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            | 10/20/2014 | ND              | 190 | 95.2       | 200           | 1.43 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/20/2014 | ND              | 196 | 98.1       | 200           | 2.75 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 90.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.8 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 9 [SURFACE] (H403205-25)**

| 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           | 10/21/2014 | ND              | 1.81 | 90.6       | 2.00          | 8.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/21/2014 | ND              | 1.72 | 85.8       | 2.00          | 8.23 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/21/2014 | ND              | 1.61 | 80.6       | 2.00          | 9.37 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/21/2014 | ND              | 4.79 | 79.8       | 6.00          | 9.88 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/21/2014 | 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             | <16.0  | 16.0            | 10/20/2014 | ND              | 416 | 104        | 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       | <50.0  | 50.0            | 10/20/2014 | ND              | 190 | 95.2       | 200           | 1.43 |           |
| DRO >C10-C28     | 6370   | 50.0            | 10/20/2014 | ND              | 196 | 98.1       | 200           | 2.75 |           |
| EXT DRO >C28-C35 | 1600   | 50.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 94.0 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 9 [1'] (H403205-26)**

| 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           | 10/21/2014 | ND              | 1.81 | 90.6       | 2.00          | 8.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/21/2014 | ND              | 1.72 | 85.8       | 2.00          | 8.23 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/21/2014 | ND              | 1.61 | 80.6       | 2.00          | 9.37 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/21/2014 | ND              | 4.79 | 79.8       | 6.00          | 9.88 |           |  |
| Total BTEx     | <0.300 | 0.300           | 10/21/2014 | ND              |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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             | <16.0  | 16.0            | 10/20/2014 | 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            | 10/20/2014 | ND              | 190 | 95.2       | 200           | 1.43 |           |
| DRO >C10-C28     | 33.7   | 10.0            | 10/20/2014 | ND              | 196 | 98.1       | 200           | 2.75 |           |
| EXT DRO >C28-C35 | 29.9   | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 95.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 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: 10/17/2014  
Reported: 10/22/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/16/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Kathy Perez

**Sample ID: SP 9 [2'] (H403205-27)**

| 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           | 10/21/2014 | ND           | 1.81            | 90.6       | 2.00          | 8.37 |           |  |
| Toluene*       | <0.050 | 0.050           | 10/21/2014 | ND           | 1.72            | 85.8       | 2.00          | 8.23 |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/21/2014 | ND           | 1.61            | 80.6       | 2.00          | 9.37 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/21/2014 | ND           | 4.79            | 79.8       | 6.00          | 9.88 |           |  |
| Total BTX      | <0.300 | 0.300           | 10/21/2014 | ND           |                 |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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             | <16.0  | 16.0            | 10/20/2014 | 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            | 10/20/2014 | ND              | 190 | 95.2       | 200           | 1.43 |           |
| DRO >C10-C28     | <10.0  | 10.0            | 10/20/2014 | ND              | 196 | 98.1       | 200           | 2.75 |           |
| EXT DRO >C28-C35 | <10.0  | 10.0            | 10/20/2014 | ND              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 91.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.0 % 52.1-176

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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.         |
| 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<br>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

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 #387H

Location UL-N Sec. 18, T25S, R31E

Project Reference

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  |           |       |      |      |   |  |  |  |  |  |  |  |
|----------|------------------|-------------------|--------------|--------------|------------|------|-----------|--------|--------|----------|-----------|-----------|-------|------|------|---|--|--|--|--|--|--|--|
|          |                  |                   |              | GROUND WATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE | OTHER: |          | ACID/BASE | ICE/COOL  | OTHER | DATE | TIME |   |  |  |  |  |  |  |  |
| H403205  | 1 SP1 (Surface)  | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:49 | X    | X    | X |  |  |  |  |  |  |  |
|          | 2 SP1 (1')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:50 | X    | X    | X |  |  |  |  |  |  |  |
|          | 3 SP1 (2')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:53 | X    | X    | X |  |  |  |  |  |  |  |
|          | 4 SP2 (Surface)  | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:55 | X    | X    | X |  |  |  |  |  |  |  |
|          | 5 SP2 (1')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:57 | X    | X    | X |  |  |  |  |  |  |  |
|          | 6 SP2 (2')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 11:58 | X    | X    | X |  |  |  |  |  |  |  |
|          | 7 SP3 (Surface)  | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 12:00 | X    | X    | X |  |  |  |  |  |  |  |
|          | 8 SP3 (1')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 12:02 | X    | X    | X |  |  |  |  |  |  |  |
|          | 9 SP3 (2')       | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 12:03 | X    | X    | X |  |  |  |  |  |  |  |
|          | 10 SP4 (Surface) | G                 | 1            |              |            | X    |           |        |        | X        |           | 15-Oct-14 | 12:06 | X    | X    | X |  |  |  |  |  |  |  |

Sampler Relinquished:

Relinquished by:

Delivered by:

Date 10-16-14

Time 4:30pm

Date 10/17/14

Time 12:44

Received By:

Received By: (lab staff)

Sample Cool & Intact

Yes No

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

NOTES: & tasavole@basspet.com

Checked By:



# 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

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 #387H

Location UL-N Sec. 18, T25S, R31E

Project Reference

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 |           | BTEX 8021B | TPH 8015M | CHLORIDES (Cl <sup>-</sup> ) | SULFATES (SO <sub>4</sub> <sup>2-</sup> ) | pH | TCLP | OTHER >>> | PAH |  |  |  |          |
|----------|---------------|-------------------|--------------|--------------|------------|------|-----------|--------|----------|----------|-----------|------------|-----------|------------------------------|---|----|------|-----------|-----|--|--|--|----------|
|          |               |                   |              | GROUND WATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE |          | OTHER:   | ACID/BASE |            |           |                              |   |    |      |           |     |  |  |  | ICE/COOL |
| H403905  |               |                   |              |              |            |      |           |        |          |          |           |            |           |                              |   |    |      |           |     |  |  |  |          |
| 11       | SP4 (1')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:08     | X                            | X   | X  |      |           |     |  |  |  |          |
| 12       | SP4 (2')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:10     | X                            | X   | X  |      |           |     |  |  |  |          |
| 13       | SP5 (Surface) | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:11     | X                            | X   | X  |      |           |     |  |  |  |          |
| 14       | SP5 (1')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:13     | X                            | X   | X  |      |           |     |  |  |  |          |
| 15       | SP5 (2')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:15     | X                            | X   | X  |      |           |     |  |  |  |          |
| 16       | SP6 (Surface) | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:16     | X                            | X   | X  |      |           |     |  |  |  |          |
| 17       | SP6 (1')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:18     | X                            | X   | X  |      |           |     |  |  |  |          |
| 18       | SP6 (2')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:20     | X                            | X   | X  |      |           |     |  |  |  |          |
| 19       | SP7 (Surface) | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:21     | X                            | X   | X  |      |           |     |  |  |  |          |
| 20       | SP7 (1')      | G                 | 1            |              |            | X    |           |        |          | X        |           | 16-Oct-14  | 12:23     | X                            | X   | X  |      |           |     |  |  |  |          |

Sampler Relinquished:

Date  
Time

Received By:

Relinquished by:

Date  
Time

Received By: (lab staff)

Delivered by:

Date  
Time

Sample Cool & Intact

Checked By:

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



### Chain of Custody Form

**P.O. Box 1558, Eunice, NM 88231**

LAB Cardinal

32 of 32

[illegible]



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

---

October 27, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #387H

Enclosed are the results of analyses for samples received by the laboratory on 10/24/14 16:15.

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](http://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: 10/24/2014  
Reported: 10/27/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/24/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: COMP 1 (H403287-01)**

| 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           | 10/27/2014 | ND           | 2.02            | 101        | 2.00          | 2.35  |           |  |
| Toluene*       | <0.050 | 0.050           | 10/27/2014 | ND           | 1.91            | 95.7       | 2.00          | 1.95  |           |  |
| Ethylbenzene*  | <0.050 | 0.050           | 10/27/2014 | ND           | 1.79            | 89.7       | 2.00          | 0.686 |           |  |
| Total Xylenes* | <0.150 | 0.150           | 10/27/2014 | ND           | 5.33            | 88.8       | 6.00          | 0.173 |           |  |
| Total BTEX     | <0.300 | 0.300           | 10/27/2014 | 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             | 16.0   | 16.0            | 10/27/2014 | 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            | 10/24/2014 | ND              | 201 | 100        | 200           | 0.982 |           |
| DRO >C10-C28     | 379    | 10.0            | 10/24/2014 | ND              | 188 | 94.1       | 200           | 1.63  |           |
| EXT DRO >C28-C35 | 85.8   | 10.0            | 10/24/2014 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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: 10/24/2014  
Reported: 10/27/2014  
Project Name: PLU #387H  
Project Number: NONE GIVEN  
Project Location: UL-N SEC.18, T25S, R31E

Sampling Date: 10/24/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: COMP 2 (H403287-02)**

| 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           | 10/27/2014 | ND              | 2.02 | 101        | 2.00          | 2.35  |           |
| Toluene*       | <0.050 | 0.050           | 10/27/2014 | ND              | 1.91 | 95.7       | 2.00          | 1.95  |           |
| Ethylbenzene*  | <0.050 | 0.050           | 10/27/2014 | ND              | 1.79 | 89.7       | 2.00          | 0.686 |           |
| Total Xylenes* | <0.150 | 0.150           | 10/27/2014 | ND              | 5.33 | 88.8       | 6.00          | 0.173 |           |
| Total BTEx     | <0.300 | 0.300           | 10/27/2014 | 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             | 16.0   | 16.0            | 10/27/2014 | 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            | 10/25/2014 | ND              | 201 | 100        | 200           | 0.982 |           |
| DRO >C10-C28     | 471    | 10.0            | 10/25/2014 | ND              | 188 | 94.1       | 200           | 1.63  |           |
| EXT DRO >C28-C35 | 130    | 10.0            | 10/25/2014 | ND              |     |            |               |       |           |

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

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

**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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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Cardinal Laboratories

\*=Accredited Analyte

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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

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 #387H

Location UL- N Sec. 18, T25S, R31E

Project Reference

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.

H40387

|    |        | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX       |            |      |           |        | PRESERV. | SAMPLING  |      | BTX 8021B | TPH 8015M | CHLORIDES (Cl <sup>-</sup> ) | SULFATES (SO <sub>4</sub> <sup>2-</sup> ) | pH | TCLP | OTHER >>> | PAH |
|----|--------|-------------------|--------------|--------------|------------|------|-----------|--------|----------|-----------|------|-----------|-----------|------------------------------|---|----|------|-----------|-----|
|    |        |                   |              | GROUND WATER | WASTEWATER | SOIL | CRUDE OIL | SLUDGE |          | DATE      | TIME |           |           |                              |   |    |      |           |     |
| 1  | Comp 1 | C                 | 1            |              |            | X    |           |        | X        | 24-Oct-14 | 2:25 | X         | X         | X                            |   |    |      |           |     |
| 2  | Comp 2 | C                 | 1            |              |            | X    |           |        | X        | 24-Oct-14 | 2:26 | X         | X         | X                            |   |    |      |           |     |
| 3  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 4  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 5  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 6  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 7  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 8  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 9  |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |
| 10 |        |                   |              |              |            |      |           |        |          |           |      |           |           |                              |   |    |      |           |     |

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

NOTES:

& tasavole@basspet.com

RUSH!

Received By:

David Robinson

Date: 10/14/14  
Time: 3:30 PM

Received By: (lab staff)

Date: 10/14/14  
Time: 4:15 PM

Received By: (lab staff)

Delivered by:

5.20

Sample Cool & Intact  
Yes No

Checked By:

#54

**ATTACHMENT III**  
**Copy of Initial NMOCD Form C-141's**  
**Final C-141's**

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  
Santa Fe, NM 87505

RECEIVED

JAN 15 2014

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

Form C-141  
Revised August 8, 2011

Release Notification and Corrective Action

*njm* 1402855518

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: BOPCO, L.P. 260737 Contact: Tony Savoie  
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220 Telephone No. 575-887-7329  
Facility Name: PLU-387H Tank Battery Facility Type: Exploration and Production

Surface Owner: U.S.A. Mineral Owner: U.S.A. API No. 30-015-41185

*State or Fed(?)*

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|--------|
| D           | 18      | 25S      | 31E   | 526           | North            | 418           | West           | Eddy   |

Latitude N 32.136122 Longitude W 103.824399

NATURE OF RELEASE

|   |  |   |
|---|--|---|
| Type of Release: Crude oil and produced water   | Volume of Release: 29 bbls crude oil and 6 bbls produced water                     | Volume Recovered: 20 bbls crude oil and 5 bbls produced water |
| Source of Release   | Date and Hour of Occurrence: 1/5/14 at 7:00 a.m.                                   | Date and Hour of Discovery: 1/5/14 at 7:00 a.m.               |
| -Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Delayed report to Mike Bratcher NMOCD BLM on 1/5/14 at 12:30 p.m. |   |
| By Whom? Tony Savoie  | Date and Hour 1/7/14 at 11:36 a.m.   |   |
| Was a Watercourse Reached?<br><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 valves on the process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. The system was restored to normal operations.

Describe Area Affected and Cleanup Action Taken.\*

Approximately 247,860 sq. ft. of pasture area was lightly misted by the release, fluid visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release, the vegetation was covered and there was 6 inches to 1 inch of saturation on the soil. There was a berm around the flare system that contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and micro-blaze mixture. The spill will be 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: *Tony Savoie*

Printed Name: Tony Savoie

Title: Waste Management and Remediation Specialist

E-mail Address: tasavoie@basspet.com

Date: 1/14/14

Phone: 432-556-8730

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Signed By

*Mike Bratcher*

JAN 28 2014

Approval Date:

Expiration Date:

Conditions of Approval:

Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION

Attached ☐

PROPOSAL NO LATER THAN:

*February 28, 2014*

*2RP-2164*

\* Attach Additional Sheets If Necessary



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: PLU-387H Tank Battery                 | Facility Type: Exploration and Production |

|                        |                        |                       |
|------------------------|------------------------|-----------------------|
| Surface Owner: Federal | Mineral Owner: Federal | API No.: 30-015-41185 |
|------------------------|------------------------|-----------------------|

LOCATION OF RELEASE

|                  |               |                 |              |                      |                           |                      |                        |                |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|----------------------|------------------------|----------------|
| Unit Letter<br>D | Section<br>18 | Township<br>25S | Range<br>31E | Feet from the<br>526 | North/South Line<br>North | Feet from the<br>418 | East/West Line<br>West | County<br>Eddy |
|------------------|---------------|-----------------|--------------|----------------------|---------------------------|----------------------|------------------------|----------------|

Latitude: N 32.136122 Longitude: W 103.824399

NATURE OF RELEASE

|  |   |  |
|--|---|--|
| Type of Release: crude oil and produced water  | Volume of Release: 29 bbls of crude oil and 6 bbls produced water               | Volume Recovered: 20 bbls crude oil and 5 bbls water |
| Source of Release: flare line vent   | Date and Hour of Occurrence: 1/5/14 @ 7:00 am                                   | Date and Hour of Discovery: 1/4/14 @ 7:00 am         |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Delayed report to Mike Bratcher NMOCD BLM on 1/5/14 @ 12:30 pm |  |
| By Whom? Tony Savoie   | Date and Hour: 1/7/14 @ 11:36 am  |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse:<br>Not Applicable                     |  |

Depth to Water. ~375 ft bgs

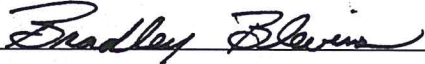
If a Watercourse was Impacted, Describe Fully.\* Not Applicable

Describe Cause of Problem and Remedial Action Taken.\* The valves on the process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. The system was restored to normal operations.

Describe Area Affected and Cleanup Action Taken.\* Approximately 247,860 sq. ft. of pasture area was lightly misted by the release; fluid was visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release; the vegetation was covered with 1-6 inches of saturation on the soil. A berm around the flare system that contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and micro-blaze mixture. The area of saturated soil was excavated approximately 2 ft bgs and remediated on site using Micro-Blaze and clean soil. The excavation was backfilled with the remediated soil, treated with Micro-Blaze again, reseeded and watered. The spill will be 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.

OIL CONSERVATION DIVISION

|  |                                   |                  |
|--|-----------------------------------|------------------|
| Signature:  | Approved by District Supervisor:  |                  |
| Printed Name: Brad Blevins   | Approval Date:                    | Expiration Date: |
| Title: EHS Asst. Remediation Foreman   | Conditions of Approval:           |                  |
| E-mail Address: <a href="mailto:bblevins@basspet.com">bblevins@basspet.com</a>                 | Attached <input type="checkbox"/> |                  |
| Date: <u>11-26-14</u> Phone: (432) 214-3704  |                                   |                  |

\* Attach Additional Sheets If Necessary