

BOPCO

PLU Pierce Canyon 17 Federal #1H

CLOSURE REPORT

2RP-1266

API No. 30-015-36635

Release Date: 7/31/2012

Unit Letter P, Section 17, Township 25 South, Range 30 East

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 22 2014

June 17, 2014

RECEIVED

Prepared by:

Environmental Department
Diversified Field Service, Inc.

3412 N. Dal Paso

Hobbs, NM 88240

Phone: (575)964-8394

Fax: (575)393-8396

Table of Contents

- 1 Introduction
- 2 Site Activities
- 3 Conclusion

Figure – Site Diagram with Sample Data

APPENDICES

Appendix I – Initial Form C-141

Appendix II – Photo Pages

Appendix III – Groundwater Data

Appendix IV – Soil Chemistry Table

Appendix V – Laboratory Analyses

Appendix VI – Final C-141

Pierce Canyon 17 Federal #1

1 INTRODUCTION

BOPCO has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located South East of Carlsbad NM, in Eddy County. On 07/31/2012 10bbls of crude oil was released with no recovery. The leak site resulted from a 3" split in the seam of the pipe that traversed from the heater-treater to the tanks. The leak released fluid misting an approximate 8,868 square feet area with an approximate ¼" saturation. A form C-141 was submitted to the NMOCD on August 15, 2012. (Appendix I).

2 SITE ACTIVITIES

On December 17, 2013, DFSI personnel collected surface soil samples from the site. The samples were field screened for Chloride and TPH. The samples were submitted to a commercial laboratory for Chloride and TPH analyses (Appendix IV). The lab confirms the following:

SP1: 2" - 272 mg/kg chlorides and 205.8 mg/kg TPH
SP2: 2" - 384 mg/kg chlorides and 74.5 mg/kg TPH
SP3: 2" - 848 mg/kg chlorides and <10 mg/kg TPH
SP4: 1" - 192 mg/kg chlorides and 6023 mg/kg TPH
SP5: 1" - 304 mg/kg chlorides and 40.6 mg/kg TPH
SP6: Surface - <16 mg/kg chlorides and 20.1 mg/kg TPH
SP7: Surface - <16 mg/kg chlorides and <10 mg/kg TPH

On January 03, 2014 DFSI personnel returned to the site and further delineated SP4 at 1ft bgs intervals. Whereby, it was determined that all of the aforementioned sample points returned acceptable lab confirmations at the 1ft to 2ft bgs. The lab confirms the following:

SP4: 2' - <0.30 mg/kg BTEX and <10 mg/kg TPH

On February 05, 2014 DFSI personnel retrieved a composite sample of the contaminated stockpile that was excavated area of SP4. The initial sample of stockpile was submitted to a commercial lab for analysis and returned a GRO < 10.0 and DRO of 698 mg/kg. The stockpile was blended down and again sampled on February, 14 2014. This sample returned acceptable limits of Chloride at 256 mg/kg, (Appendix IV), BTEX totaled less than 0.300 mg/kg, and

DRO/GRO < 405.0 in all samples. There was a combined total of 60 yards of visually impacted soils that were excavated throughout whereas the majority of the area was scrapped and removed to a NMOCD approved disposal facility. Backfill was brought back and used to blend with the above mentioned stockpile and was used as backfill. In the area of SP4, a trench was excavated and BOPCO installed a new line through this area. The excavated area on the well pad was backfilled with aforementioned blended stockpiled soil, imported caliche and leveled. Likewise, the pasture excavation was backfilled with imported and blended topsoil from the combination of 60 yards from an NMOCD approved facility and the above aforementioned stockpile. The site was contoured to the surrounding landscape. Photographs of the site activities can be viewed in Appendix II.

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, depth to groundwater in the area averages greater than 325ft. bgs (Appendix III). Based on the removal of soils containing elevated chloride and visual staining at the site, BOPCO, L.P. respectfully requests the closure of the regulatory file for the site.

Site Diagram

BOPCO, PLU PC 17 Federal #1H
 UL/P, Sec. 17 T25S R30E
 Eddy County, NM
 Drafted By: Lance Crenshaw, 3-10-14

0 0.005 0.01 0.02 Miles

Visually impacted soils were excavated throughout the entire leak area and backfilled with stockpiled soil.

Spill Area:
8,868 sq. ft.

SP1 thru SP3 were excavated to 1ft. bgs.

Legend

Misc_points

Types

- Electrical Box
- Power Pole
- Headers
- Injection
- Pumpjacks
- Tanks
- Valves
- Other
- sample_pts
- Source

Pipeline

Type

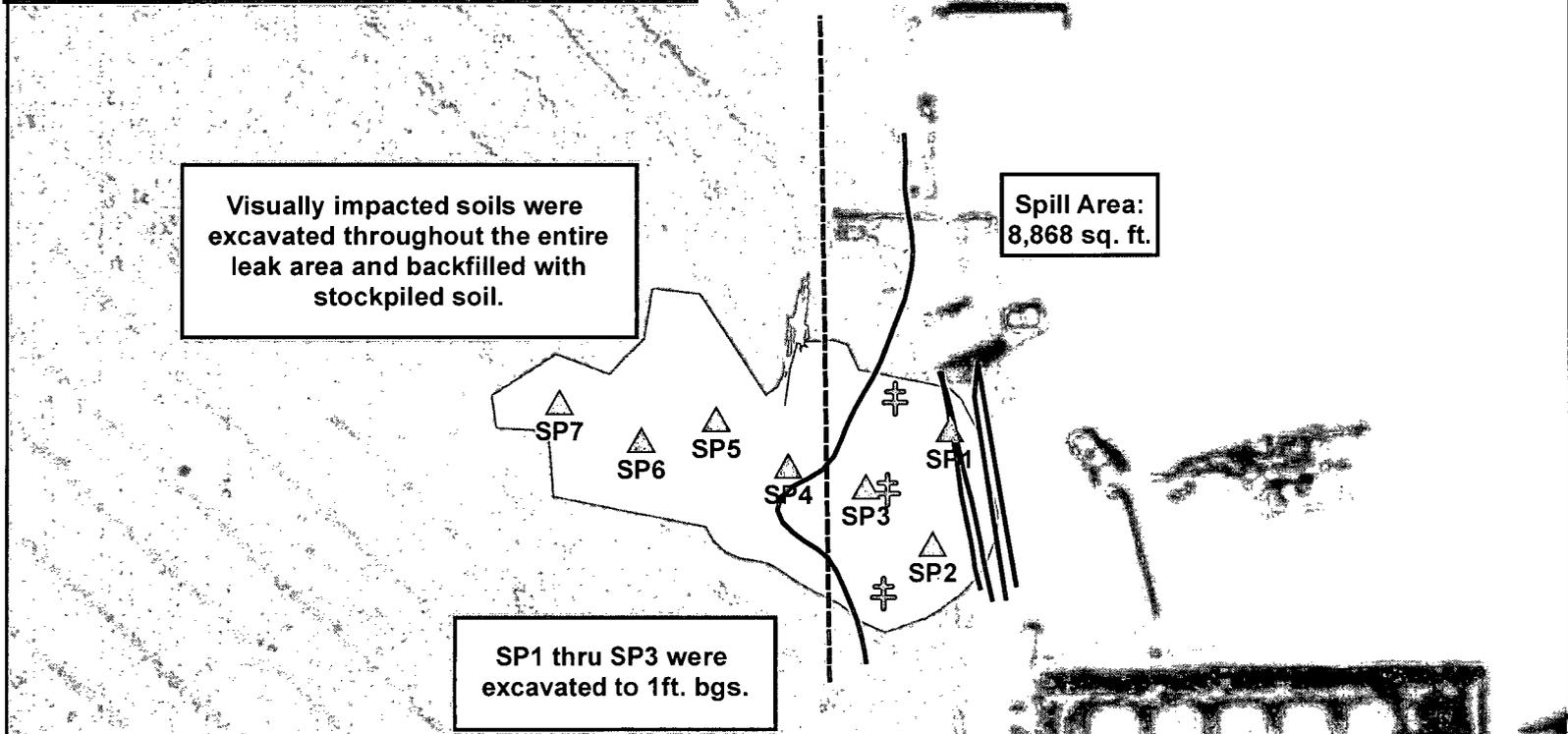
- Above Ground Line
- Buried Line

Spill

- <all other values>

Spill_Media

- Oil and Produced H2O
- Oil
- Other
- Produced Water



Lance Crenshaw
GIS Technician

Soil Remediation and Ground Water Remediation
 Environmental Assessments
 Regulatory Compliance

Environmental **DFSI** Services

Office: 575-964-8394
 Fax: 575-964-8396

Cell: 575-441-2359
 Email: lcrenshaw@diversifiedfsi.com

Source: Esri, DigitalGlobe, GeoEye, AeroGRID, IGN, and the GIS User Community

Appendix I

INITIAL FORM C-141

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

nJMW 1224153124

OPERATOR Initial Report Final Report

Name of Company: BOPCO, L.P. <i>260737</i>	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU Peirce Canyon 17 Federal #1H	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-36635
------------------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	17	25S	30E	350	South	350	East	Eddy

Latitude N 32.123902 Longitude W 103.896282

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 10 bbls.	Volume Recovered: None
Source of Release: A 3" line going from the process vessels to the tanks.	Date and Hour of Occurrence: 7/31/12 Approximately 12:00 p.m.	Date and Hour of Discovery: 7/31/12 at 2:20 p.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos BLM	
By Whom? Tony Savoie	Date and Hour: 7/31/12 2:27 p.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* A 3" line going from the heater to the tanks split at a seam in the pipe. The entire section of pipe was replaced.		
Describe Area Affected and Cleanup Action Taken.* The split was on top of the pipe, the released fluid misted an area covering approximately 36,000 sq.ft. There was less than 1/4" of soil saturation out to a distance of 300 ft. from the release point. The vegetation had a very slight mist out to a total distance of 420 ft. The area affected appears to have been a frak pond used during the drilling operations. The reclaimed area measured approximately 375 ft. East by West and 510 ft. North by South. The affected area will be remediated in accordance to the NMOCD and BLM guidelines.		

RECEIVED
AUG 20 2012
NMOCD ARTESIA

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: <i>Tony Savoie</i>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by Environmental Specialist: Signed By <i>Allye Benavente</i>	
Title: Waste Management and Remediation Specialist	Approval Date: AUG 28 2012	Expiration Date:
E-mail Address: <i>tasavoie@basspet.com</i>	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:	Attached <input type="checkbox"/>
Date: 8/15/12	Phone: 432-556-8730	

* Attach Additional Sheets If Necessary

9-28-12

ZRP-1266

Appendix II

SITE PHOTOGRAPHS

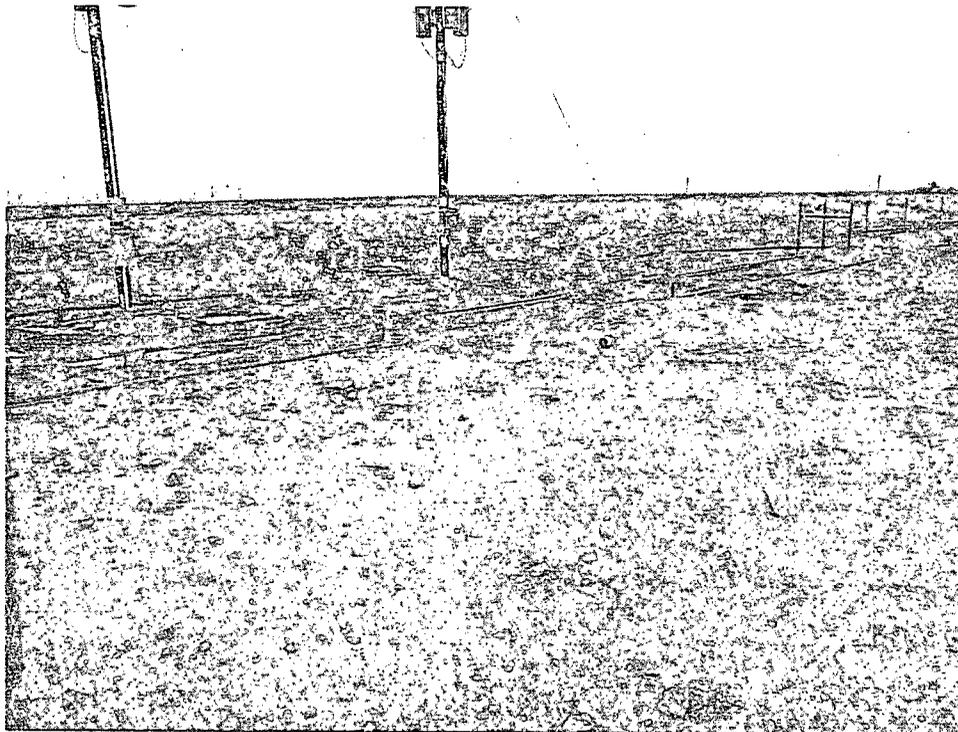
Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

BOPCO PLU Pierce Canyon 17 Federal #1H

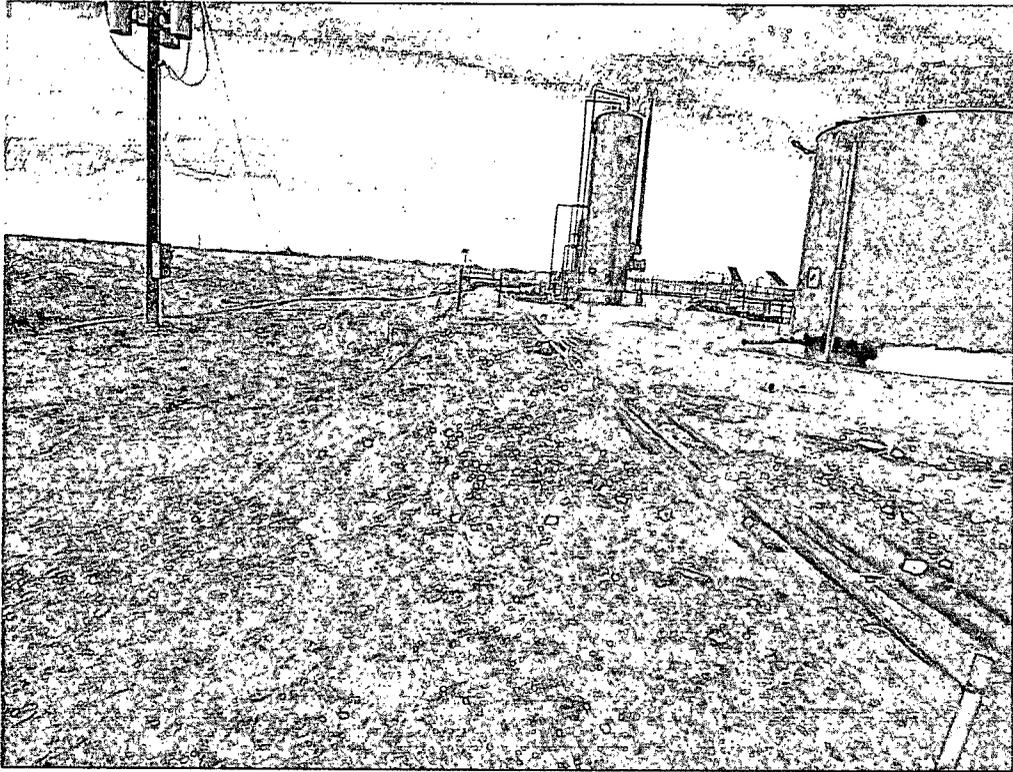
Unit Letter P, Section 17, T25S R30E



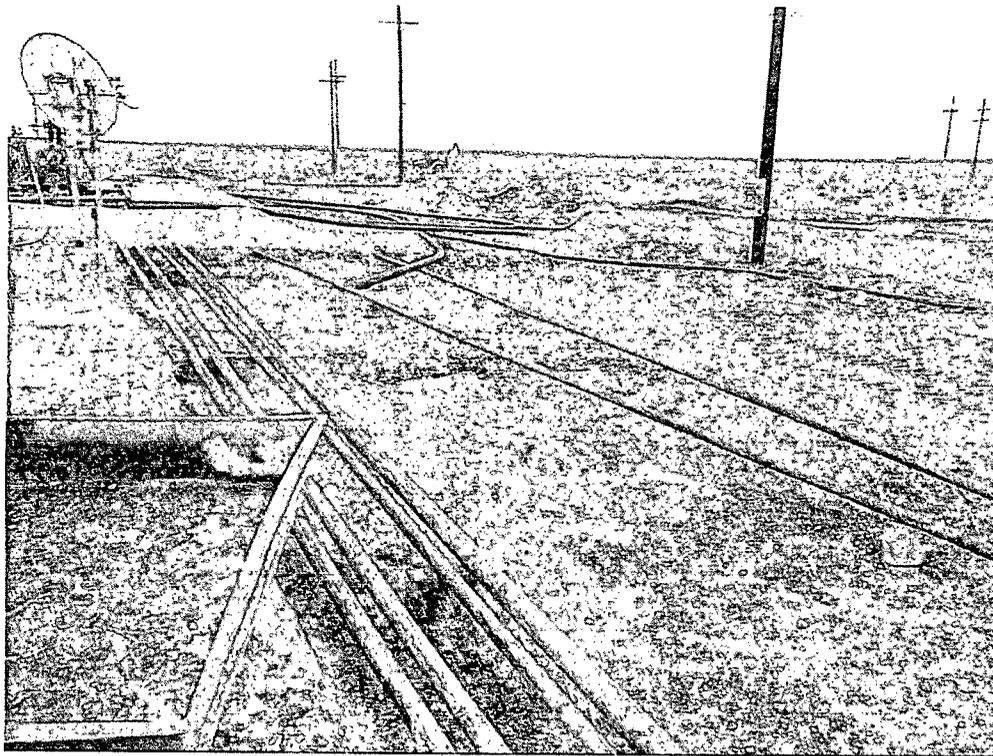
Sign marking location 12/04/13



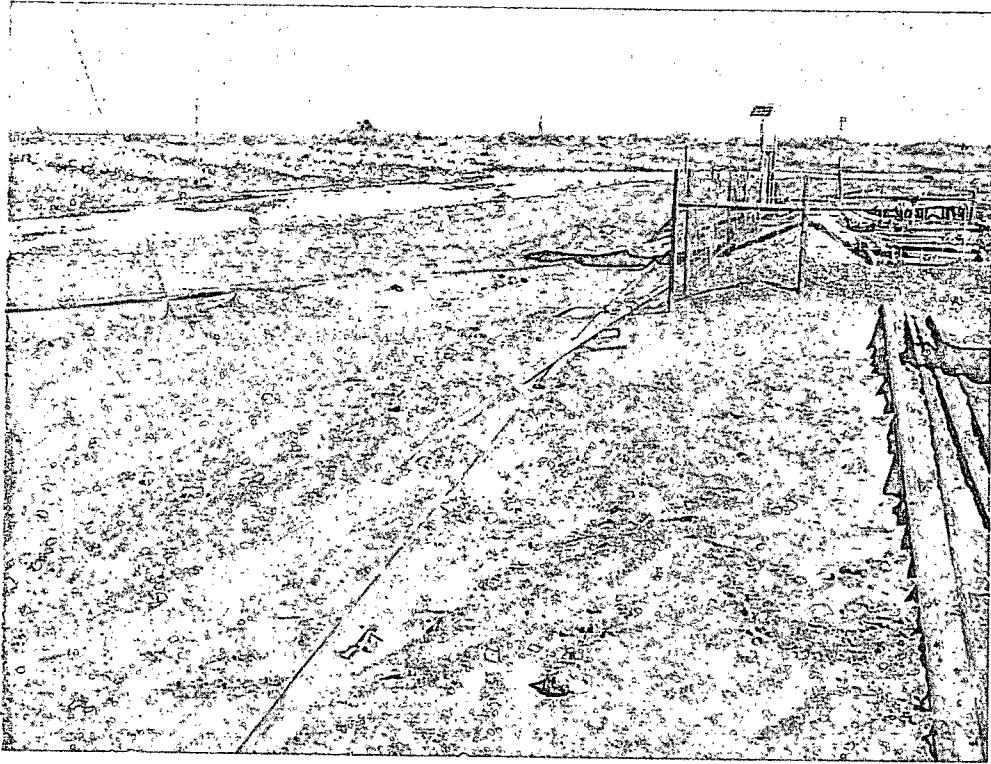
Impacted pasture with sample points west of location 12/09/13



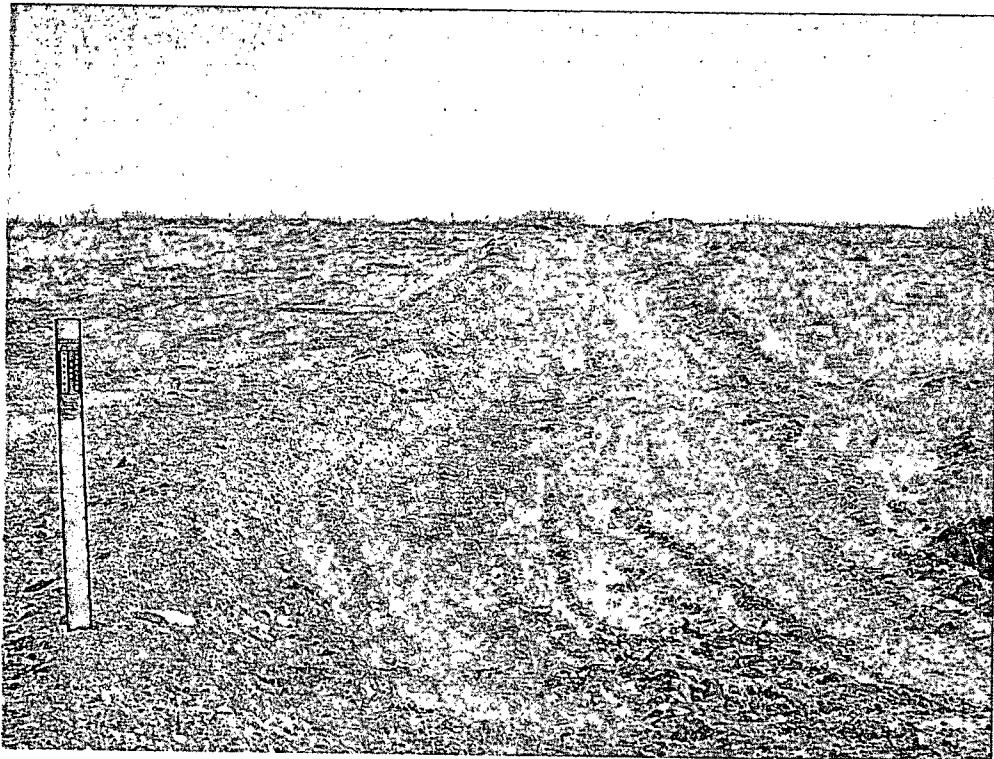
Markers indicating sample points 12/05/13



Excavation 1 foot below pipe 2/10/14



Site at completion 3/28/14



Pipeline installation at completion 03/28/14

Appendix III

GROUNDWATER DATA

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

Appendix IV

SOIL CHEMISTRY TABLE

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

PLU Pierce Canyon 17 Fed #1 Soil Chemistry Table

Date	Lab ID	Sample ID	TPH MG/KG	BTEX MG/KG	Chloride MG/KG	STATUS
12/17/2013	H303057	SP1 AT SURFACE	1280		928	Excavated
12/17/2013	H303057	SP-1 AT 2	205.8		272	Insitu
12/17/2013	H303057	SP-1 AT 3	87.3	<0.300	400	Insitu
12/17/2013	H303057	SP2 AT SURFACE	18196		3160	Excavated
12/17/2013	H303057	SP-2 AT 2	74.5		384	Insitu
12/17/2013	H303057	SP-2 AT 3	12.1		464	Insitu
12/17/2013	H303057	SP3 AT SURFACE	18350		3000	Excavated
12/17/2013	H303057	SP-3 AT 2	45.5		848	Insitu
12/17/2013	H303057	SP-3 AT 3	<10		528	Insitu
12/17/2013	H303057	SP4 AT SURFACE	10770		160	Excavated
12/17/2013	H303057	SP-4 AT 1	6023		192	Excavated
12/17/2013	H303057	SP5 AT SURFACE	9940		160	Excavated
12/17/2013	H303057	SP-5 AT 1	40.6		304	Insitu
12/17/2013	H303057	SP6 AT SURFACE	20.2		<16	Insitu
12/17/2013	H303057	SP7 AT SURFACE	<10		<16	Insitu
1/3/2014	H400020	SP-4 AT 2'	<10	<0.300	N/T	Insitu
1/3/2014	H400020	SP-4 AT 4'	<10	<0.300	N/T	Insitu
2/5/2014	H400369	West side of pile	899		496	Treat & blend
2/12/2014	H400433	Composite #1	<10		64	Backfill
2/14/2014	h400458	Stockpile #2	617	<0.300	256	Backfill

Appendix V

LABORATORY ANALYSES

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

December 27, 2013

JODY WALTERS

Bass Enterprises

522 W. Mermod #709

Carlsbad, NM 88220

RE: PLU PC 17 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 12/17/13 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.

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,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP1 @ SURFACE (H303057-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	12/21/2013	ND	400	100	400	7.69		
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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	1010	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	270	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>	<i>94.6 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>113 %</i>	<i>63.6-154</i>								

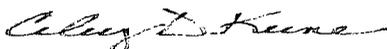
Sample ID: SP1 @ 2 (H303057-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	12/21/2013	ND	400	100	400	7.69		
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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	155	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	50.8	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>	<i>99.7 %</i>	<i>65.2-140</i>								
<i>Surrogate: 1-Chlorooctadecane</i>	<i>103 %</i>	<i>63.6-154</i>								

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP1 @ 3 (H303057-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/26/2013	ND	2.16	108	2.00	1.36		
Toluene*	<0.050	0.050	12/26/2013	ND	2.16	108	2.00	1.36		
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	2.15	107	2.00	1.82		
Total Xylenes*	<0.150	0.150	12/26/2013	ND	6.27	104	6.00	2.42		
Total BTEX	<0.300	0.300	12/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	12/21/2013	ND	400	100	400	7.69		

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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	67.6	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	19.7	10.0	12/22/2013	ND						

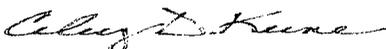
Surrogate: 1-Chlorooctane 94.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.3 % 63.6-154

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP2 @ SURFACE (H303057-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	12/21/2013	ND	400	100	400	7.69		
TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	56.0	50.0	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	14600	50.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	3540	50.0	12/22/2013	ND						
S-06										
<i>Surrogate: 1-Chlorooctane</i>	135 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	534 %	63.6-154								

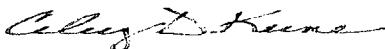
Sample ID: SP2 @ 2 (H303057-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	12/21/2013	ND	400	100	400	7.69		
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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	35.8	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	38.7	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>	105 %	65.2-140								
<i>Surrogate: 1-Chlorooctadecane</i>	104 %	63.6-154								

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP2 @ 3 (H303057-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	12/21/2013	ND	400	100	400	7.69		

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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	12.1	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	<10.0	10.0	12/22/2013	ND						

Surrogate: 1-Chlorooctane 99.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.8 % 63.6-154

Sample ID: SP3 @ SURFACE (H303057-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	12/21/2013	ND	400	100	400	7.69		

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	12/22/2013	ND	190	95.2	200	1.98			
DRO >C10-C28	14900	50.0	12/22/2013	ND	193	96.6	200	1.57			
EXT DRO >C28-C35	3450	50.0	12/22/2013	ND							

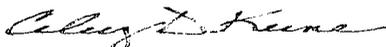
Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 568 % 63.6-154

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP3 @ 2 (H303057-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	12/23/2013	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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	15.1	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	30.4	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		103 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		104 %	<i>63.6-154</i>							

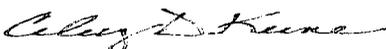
Sample ID: SP3 @ 3 (H303057-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	12/23/2013	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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	<10.0	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	<10.0	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		98.2 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		95.1 %	<i>63.6-154</i>							

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP4 @ SURFACE (H303057-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/23/2013	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	<50.0	50.0	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	8010	50.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	2760	50.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		99.0 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		317 %	<i>63.6-154</i>							

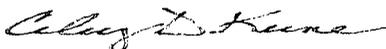
Sample ID: SP4 @ 1 (H303057-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	12/23/2013	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	748	10.0	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	4660	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	615	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		180 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		151 %	<i>63.6-154</i>							

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP5 @ SURFACE (H303057-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	12/23/2013	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	<50.0	50.0	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	7140	50.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	2800	50.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		96.4 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		272 %	<i>63.6-154</i>							

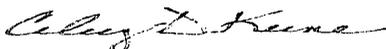
Sample ID: SP5 @ 1 (H303057-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	12/23/2013	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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	11.1	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	29.5	10.0	12/22/2013	ND						
<i>Surrogate: 1-Chlorooctane</i>		101 %	<i>65.2-140</i>							
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	<i>63.6-154</i>							

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 12/17/2013
 Reported: 12/27/2013
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 12/17/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP6 @ SURFACE (H303057-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2013	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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	10.1	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	10.1	10.0	12/22/2013	ND						

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Sample ID: SP7@ SURFACE (H303057-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/23/2013	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	12/22/2013	ND	190	95.2	200	1.98		
DRO >C10-C28	<10.0	10.0	12/22/2013	ND	193	96.6	200	1.57		
EXT DRO >C28-C35	<10.0	10.0	12/22/2013	ND						

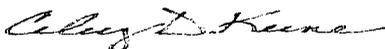
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 63.6-154

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

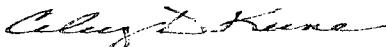
Notes and Definitions

- 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.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

January 09, 2014

JODY WALTERS

Bass Enterprises

522 W. Mermod #709

Carlsbad, NM 88220

RE: PLU PC 17 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 01/03/14 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Halocetic 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 01/03/2014
 Reported: 01/09/2014
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 01/03/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Celey D. Keene

Sample ID: SP 4 @ 2' (H400020-01)

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	01/08/2014	ND	2.10	105	2.00	1.72		
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75		
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93		
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713		
Total BTEX	<0.300	0.300	01/08/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 89.4-126

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	01/06/2014	ND	212	106	200	3.32		
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78		
EXT DRO >C28-C35	<10.0	10.0	01/06/2014	ND						

Surrogate: 1-Chlorooctane 96.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.9 % 63.6-154

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:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

Received:	01/03/2014	Sampling Date:	01/03/2014
Reported:	01/09/2014	Sampling Type:	Soil
Project Name:	PLU PC 17 FED #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 4 @ 4' (H400020-02)

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	01/08/2014	ND	2.10	105	2.00	1.72		
Toluene*	<0.050	0.050	01/08/2014	ND	2.10	105	2.00	1.75		
Ethylbenzene*	<0.050	0.050	01/08/2014	ND	2.16	108	2.00	1.93		
Total Xylenes*	<0.150	0.150	01/08/2014	ND	6.23	104	6.00	0.713		
Total BTEX	<0.300	0.300	01/08/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 103 % 89.4-126

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	01/06/2014	ND	212	106	200	3.32		
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78		
EXT DRO >C28-C35	<10.0	10.0	01/06/2014	ND						

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.9 % 63.6-154

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
	Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

Company Name: <u>BOPCO</u>		BILL TO		ANALYSIS REQUEST																						
Project Manager: <u>Jody Walters</u>		P.O. #:		TPDH 8015 M BTEX ✓ ✓																						
Address:		Company: <u>BOPCO</u>																								
City:	State:	Zip:	Attn: <u>TONY</u>																							
Phone #:	Fax #:		Address:																							
Project #:	Project Owner:		City:																							
Project Name: <u>PLD PC 17 Federal No. 1H</u>		State:	Zip:																							
Project Location: <u>Eddy, NM</u>		Phone #:																								
Sampler Name: <u>Lance Crenshaw</u>		Fax #:																								
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	G (GRAB OR C)OMP.	# CONTAINERS											MATRIX				PRESERV.	SAMPLING							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
	<u>SP4@2</u>	<u>G</u>	<u>1</u>			<u>✓</u>					<u>✓</u>		<u>1-3-14</u>	<u>11:20</u>	<u>✓</u>	<u>✓</u>										
	<u>SP4@4</u>	<u>G</u>	<u>1</u>			<u>✓</u>					<u>✓</u>		<u>1-3-14</u>	<u>11:25</u>	<u>✓</u>	<u>✓</u>										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Jane [Signature]</u>	Date: <u>1/3/14</u>	Received By: <u>Cathy [Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>2:10</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: <u>Email results to aruth@diversifiedfsi.com,</u> <u>sswalters@basspet.com</u>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: <u>3.6C</u>	<input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>[Signature]</u>		

February 07, 2014

JODY WALTERS

Bass Enterprises

522 W. Mermod #709

Carlsbad, NM 88220

RE: PLU PC 17 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 02/05/14 16:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

 Received: 02/05/2014
 Reported: 02/07/2014
 Project Name: PLU PC 17 FED #1
 Project Number: NOT GIVEN
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/05/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: WEST SIDE OF PILE (H400369-01)

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/07/2014	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	02/06/2014	ND	201	100	200	2.25	
DRO >C10-C28	698	10.0	02/06/2014	ND	194	97.0	200	1.81	
EXT DRO >C28-C35	201	10.0	02/06/2014	ND					

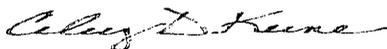
Surrogate: 1-Chlorooctane 97.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 115 % 63.6-154

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 Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>BoP Co</u>			BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>Jody Walters</u>			P.O. #:				TP4 8015 M PJ- added 2/17/14																			
Address:			Company:																							
City: State: Zip:			Attn:																							
Phone #: Fax #:			Address:																							
Project #: Project Owner:			City:																							
Project Name: <u>PLU PC #17 Federal #1</u>			State: Zip:																							
Project Location: <u>Eddie County</u>			Phone #:																							
Sampler Name: <u>Luis Gonzalez</u>			Fax #:																							
<small>FOR LAB USE ONLY</small>																										
Lab I.D.		Sample I.D.		# CONTAINERS	MATRIX				PRESERV.		SAMPLING															
H400369-01		West side of Pyle		6	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
								✓				✓			2/5	2:30pm										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Luis Gonzalez</u>		Date: <u>2/5/14</u>		Received By: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Time: <u>4:37pm</u>		Received By: <u>[Signature]</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Time:		Sample Condition:		CHECKED BY: (Initials)		Rush email: Jody Walters Amy Ruth	
Sampler - UPS - Bus - Other:		Time: <u>1:60</u>		Cool Intact		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No			

February 14, 2014

JODY WALTERS

Bass Enterprises

522 W. Mermod #709

Carlsbad, NM 88220

RE: PLU PC 17 FED #1

Enclosed are the results of analyses for samples received by the laboratory on 02/13/14 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

Received:	02/13/2014	Sampling Date:	02/12/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	PLU PC 17 FED #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: COMPOSITE #1 (H400433-01)

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/13/2014	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	02/13/2014	ND	198	98.9	200	12.2		
DRO >C10-C28	<10.0	10.0	02/13/2014	ND	195	97.5	200	9.27		
EXT DRO >C28-C35	<10.0	10.0	02/13/2014	ND						

Surrogate: 1-Chlorooctane	106 %	65.2-140
Surrogate: 1-Chlorooctadecane	105 %	63.6-154

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.



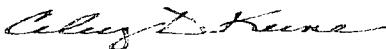
Celey D. Keene, Lab Director/Quality Manager

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 Samples reported on an as received basis (wet) unless otherwise noted on report

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: <u>BOPCO</u>		BILL TO				ANALYSIS REQUEST																	
Project Manager: <u>Jerry Walters</u>		P.O. #:																					
Address:		Company: <u>BOPCO</u>																					
City:	State:	Zip:	Attn: <u>Jerry</u>																				
Phone #:	Fax #:		Address:																				
Project #:	Project Owner:			City:																			
Project Name: <u>POV PC 17 Edith</u>				State:																			
Project Location: <u>Eddy, NM</u>				Zip:																			
Sampler Name: <u>Lance Cronshaw</u>		Phone #:																					
Fax #:																							
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING															
Lab I.D.	Sample I.D.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	<u>CL</u> <u>805 M</u>									
<u>H400433-01</u>	<u>Composite #1</u>	<u>1</u>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<u>2-12-14</u>	<u>9:10</u>										

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based on contract or tort shall be limited to the amount paid by the client for the 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 90 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 profit, incurred by client or its subsidiaries. All rates or successors are not out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>[Signature]</u>	Date: <u>2-12-14</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>4:36</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <u>[Signature]</u>	Date: <u>2-13-14</u>	Received By: <u>[Signature]</u>	REMARKS: <u>email results:</u> <u>awh@cardinal-lab.com</u> <u>575-393-2326</u>	
Delivered By: (Circle One)	Time: <u>8:00</u>			
Sampler - UFS - Bus - Other:	<u>-2.4°C</u>	Sample Condition	CHECKED BY: <u>[Signature]</u>	
		Cool Intact		
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

#54

February 17, 2014

JODY WALTERS

Bass Enterprises

522 W. Mermod #709

Carlsbad, NM 88220

RE: PLU PIERCE CANYON 17 FED #1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/14/14 15:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Mike Snyder

Organic Supervisor

Analytical Results For:

 Bass Enterprises
 JODY WALTERS
 522 W. Mermod #709
 Carlsbad NM, 88220
 Fax To: (505) 887-7473

Received:	02/14/2014	Sampling Date:	02/14/2014
Reported:	02/17/2014	Sampling Type:	Soil
Project Name:	PLU PIERCE CANYON 17 FED #1 BATTEF	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

Sample ID: STOCKPILE #2 (H400458-01)

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	02/17/2014	ND	2.30	115	2.00	4.42		
Toluene*	<0.050	0.050	02/17/2014	ND	2.26	113	2.00	3.72		
Ethylbenzene*	<0.050	0.050	02/17/2014	ND	2.26	113	2.00	4.50		
Total Xylenes*	<0.150	0.150	02/17/2014	ND	6.55	109	6.00	4.12		
Total BTEX	<0.300	0.300	02/17/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/17/2014	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	02/14/2014	ND	193	96.6	200	1.28		
DRO >C10-C28	405	10.0	02/14/2014	ND	178	88.9	200	4.42		
EXT DRO >C28-C35	112	10.0	02/14/2014	ND						

Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

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.



Mike Snyder, Organic Supervisor

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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.



Mike Snyder, Organic Supervisor

Appendix VI

FINAL FORM C-141

Diversified Field Service, Inc.
3412 N. Dal Paso
Hobbs, NM 88240
(575) 964-8394

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

SEP 22 2014

Form C-141
Revised August 8, 2011

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

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

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, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU Peirce Canyon 17 Federal #1H (2RP-1266)	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-36635
------------------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter P	Section 17	Township 25S	Range 30E	Feet from the 350	North/South Line South	Feet from the 350	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	----------------

Latitude N 32.123902 Longitude W 103.896282

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 10 bbls.	Volume Recovered: None
Source of Release: A 3" line going from the process vessels to the tanks.	Date and Hour of Occurrence: 7/31/12 Approximately 12:00 p.m.	Date and Hour of Discovery: 7/31/12 at 2:20 p.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos BLM	
By Whom? Tony Savoie	Date and Hour: 7/31/12 2:27 p.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

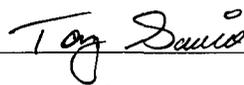
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A 3" line going from the heater to the tanks split at a seam in the pipe. The entire section of pipe was replaced.

Describe Area Affected and Cleanup Action Taken.*
The split was on top of the pipe, the released fluid misted an area covering approximately 36,000 sq.ft. There was less than 1/4" of soil saturation out to a distance of 300 ft. from the release point. The vegetation had a very slight mist out to a total distance of 420 ft. The area affected appears to have been a frak pond used during the drilling operations. The reclaimed area measured approximately 375 ft. East by West and 510 ft. North by South. The affected area will be remediated in accordance to the NMOCD and BLM guidelines.

DFSI was retained by BOPCO, L.P. during a time frame of 12/2/13 to 2/18/14, approximately 60 cubic yards of soil was hauled to Lea Land. Reference the Site Closure Report dated 6/17/14.

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

Signature: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Tony Savoie		Approved by Environmental Specialist:	
Title: Waste Management and Remediation Specialist		Approval Date:	Expiration Date:
E-mail Address: tasavoie@basspet.com		Conditions of Approval:	
Date: 9/19/14	Phone: 432-556-8730	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary