

Analytical Report 455493

for
Environmental Plus, Incorporated

HOBBS OCD

JAN 23 2013

Project Manager: David Duncan
Skelly Baker Pump Station

RECEIVED

22-JAN-13

Collected By: Client



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Lakeland: Florida (E84098)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)

IRP-10-10-2638

PLWJ 1028851314



22-JAN-13

Project Manager: **David Duncan**
Environmental Plus, Incorporated
P.O. Box 1558
Eunice, NM 88231

Reference: XENCO Report No(s): **455493**
Skelly Baker Pump Station
Project Address: UL-F,Sec.27,T22S,R37E

David Duncan:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 455493. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 455493 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Nicholas Straccione

Project Manager

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Sample Cross Reference 455493



Environmental Plus, Incorporated, Eunice, NM

Skelly Baker Pump Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SB-1(25')	S	01-09-13 10:45		455493-001
SB-1(30')	S	01-09-13 10:47		455493-002
SB-1(35')	S	01-09-13 10:50		455493-003
SB-1(40')	S	01-09-13 10:53		455493-004
SB-1(45')	S	01-09-13 10:57		455493-005
SB-1(50')	S	01-09-13 11:00		455493-006
SB-2(25')	S	01-09-13 10:10		455493-007
SB-2(30')	S	01-09-13 10:15		455493-008
SB-2(35')	S	01-09-13 10:20		455493-009
SB-2(40')	S	01-09-13 10:25		455493-010
SB-2(45')	S	01-09-13 10:30		455493-011
SB-2(50')	S	01-09-13 10:35		455493-012
SB-3(30')	S	01-09-13 11:18		455493-013
SB-3(35')	S	01-09-13 11:21		455493-014
SB-3(40')	S	01-09-13 11:24		455493-015
SB-3(45')	S	01-09-13 11:27		455493-016
SB-3(50')	S	01-09-13 11:30		455493-017



CASE NARRATIVE

Client Name: Environmental Plus, Incorporated
Project Name: Skelly Baker Pump Station



Project ID:
Work Order Number(s): 455493

Report Date: 22-JAN-13
Date Received: 01/10/2013

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-904882 TPH by SW8015 Mod
SW8015MOD_NM

Batch 904882, C12-C28 Diesel Range Hydrocarbons, C6-C12 Gasoline Range Hydrocarbons recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.

Samples affected are: 455493-009, -001, -008, -002, -003.

The Laboratory Control Sample for C12-C28 Diesel Range Hydrocarbons, C6-C12 Gasoline Range Hydrocarbons is within laboratory Control Limits

Project Id:

Contact: David Duncan

Project Location: UL-F,Sec.27,T22S,R37E

Date Received in Lab: Thu Jan-10-13 03:36 pm

Report Date: 22-JAN-13

Project Manager: Nicholas Straccione

<i>Analysis Requested</i>		<i>Lab Id:</i>	455493-001	455493-002	455493-003	455493-004	455493-005	455493-006
		<i>Field Id:</i>	SB-1(25')	SB-1(30')	SB-1(35')	SB-1(40')	SB-1(45')	SB-1(50')
		<i>Depth:</i>						
		<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		<i>Sampled:</i>	Jan-09-13 10:45	Jan-09-13 10:47	Jan-09-13 10:50	Jan-09-13 10:53	Jan-09-13 10:57	Jan-09-13 11:00
	BTEX by EPA 8021	<i>Extracted:</i>	Jan-22-13 08:50					
		<i>Analyzed:</i>	Jan-22-13 10:34					
		<i>Units/RL:</i>	mg/kg RL					
Benzene			ND 0.00103					
Toluene			ND 0.00206					
Ethylbenzene			0.00189 0.00103					
m_p-Xylenes			0.00228 0.00206					
o-Xylene			0.00384 0.00103					
Xylenes, Total			0.00612 0.00103					
Total BTEX			0.00801 0.00103					
Percent Moisture								
		<i>Extracted:</i>						
		<i>Analyzed:</i>	Jan-11-13 14:00	Jan-11-13 14:00	Jan-11-13 14:00	Jan-10-13 16:30	Jan-10-13 16:30	Jan-10-13 16:30
		<i>Units/RL:</i>	% RL					
Percent Moisture			3.90 1.00	3.58 1.00	2.98 1.00	7.68 1.00	16.4 1.00	3.89 1.00
TPH by SW8015 Mod								
		<i>Extracted:</i>	Jan-16-13 11:00	Jan-16-13 11:00	Jan-16-13 11:00	Jan-11-13 08:00	Jan-11-13 08:00	Jan-11-13 08:00
		<i>Analyzed:</i>	Jan-16-13 22:29	Jan-16-13 22:58	Jan-16-13 23:26	Jan-11-13 12:51	Jan-11-13 13:32	Jan-11-13 15:47
		<i>Units/RL:</i>	mg/kg RL					
C6-C12 Gasoline Range Hydrocarbons			211 52.0	182 51.9	88.9 51.5	ND 54.2	ND 59.7	ND 51.8
C12-C28 Diesel Range Hydrocarbons			1160 52.0	1040 51.9	1020 51.5	250 54.2	74.7 59.7	74.1 51.8
C28-C35 Oil Range Hydrocarbons			ND 52.0	ND 51.9	ND 51.5	ND 54.2	ND 59.7	ND 51.8
Total TPH			1370 52.0	1220 51.9	1110 51.5	250 54.2	74.7 59.7	74.1 51.8

Nicholas Straccione
Project Manager

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

* Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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6017 Financial Drive, Norcross, GA 30071
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(281) 240-4200	(281) 240-4280
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(770) 449-8800	(770) 449-5477
(602) 437-0330	



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 904513

Sample: 455493-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/13 12:51

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.0	100	86	70-135	
o-Terphenyl	42.0	50.1	84	70-135	

Lab Batch #: 904513

Sample: 455493-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/13 13:32

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.4	99.8	81	70-135	
o-Terphenyl	38.8	49.9	78	70-135	

Lab Batch #: 904513

Sample: 455493-006 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/13 15:47

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.3	99.5	96	70-135	
o-Terphenyl	44.2	49.8	89	70-135	

Lab Batch #: 904882

Sample: 455493-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/16/13 22:29

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	99.9	103	70-135	
o-Terphenyl	44.3	50.0	89	70-135	

Lab Batch #: 904882

Sample: 455493-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/16/13 22:58

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	45.8	50.1	91	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 904882

Sample: 455493-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/16/13 23:26

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	99.9	107	70-135	
o-Terphenyl	46.9	50.0	94	70-135	

Lab Batch #: 904882

Sample: 455493-016 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 04:27

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.9	100	96	70-135	
o-Terphenyl	37.8	50.0	76	70-135	

Lab Batch #: 904882

Sample: 455493-008 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 09:26

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.8	99.9	98	70-135	
o-Terphenyl	35.7	50.0	71	70-135	

Lab Batch #: 904882

Sample: 455493-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 10:40

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.9	99.7	99	70-135	
o-Terphenyl	38.1	49.9	76	70-135	

Lab Batch #: 904882

Sample: 455493-017 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 15:02

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	98.1	100	98	70-135	
o-Terphenyl	50.6	50.0	101	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 904882

Sample: 455493-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 15:41

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.7	99.7	90	70-135	
o-Terphenyl	48.6	49.9	97	70-135	

Lab Batch #: 904882

Sample: 455493-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 16:20

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.0	99.6	89	70-135	
o-Terphenyl	48.7	49.8	98	70-135	

Lab Batch #: 905064

Sample: 455493-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 13:47

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.1	99.9	86	70-135	
o-Terphenyl	46.3	50.0	93	70-135	

Lab Batch #: 905064

Sample: 455493-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 15:57

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	78.3	100	78	70-135	
o-Terphenyl	41.7	50.0	83	70-135	

Lab Batch #: 905064

Sample: 455493-014 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 16:39

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.2	99.8	89	70-135	
o-Terphenyl	47.9	49.9	96	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 905064

Sample: 455493-015 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 17:22

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	80.2	100	80	70-135	
o-Terphenyl	43.1	50.0	86	70-135	

Lab Batch #: 905064

Sample: 455493-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 18:01

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.3	99.8	90	70-135	
o-Terphenyl	55.3	49.9	111	70-135	

Lab Batch #: 905203

Sample: 455493-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/22/13 10:34

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0321	0.0300	107	80-120	
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	

Lab Batch #: 905203

Sample: 455493-007 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/22/13 10:51

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0269	0.0300	90	80-120	
4-Bromofluorobenzene	0.0324	0.0300	108	80-120	

Lab Batch #: 905203

Sample: 455493-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/22/13 11:07

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0286	0.0300	95	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

* Surrogate outside of Laboratory QC limits
 ** Surrogates outside limits; data and surrogates confirmed by reanalysis
 *** Poor recoveries due to dilution
 Surrogate Recovery [D] = 100 * A / B
 All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 904513

Sample: 632276-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/13 11:28

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.0	99.9	91	70-135	
o-Terphenyl	44.0	50.0	88	70-135	

Lab Batch #: 904882

Sample: 632507-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/16/13 22:01

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.9	106	70-135	
o-Terphenyl	45.6	50.0	91	70-135	

Lab Batch #: 905064

Sample: 632598-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/18/13 13:05

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.2	99.8	82	70-135	
o-Terphenyl	44.7	49.9	90	70-135	

Lab Batch #: 905203

Sample: 632701-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/22/13 10:18

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0336	0.0300	112	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 904513

Sample: 632276-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/13 10:14

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	55.8	50.1	111	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 904882

Sample: 632507-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/16/13 21:03

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	100	100	100	70-135	
o-Terphenyl	50.3	50.1	100	70-135	

Lab Batch #: 905064

Sample: 632598-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/18/13 11:29

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.0	100	84	70-135	
o-Terphenyl	48.4	50.1	97	70-135	

Lab Batch #: 905203

Sample: 632701-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/22/13 09:45

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0346	0.0300	115	80-120	
4-Bromofluorobenzene	0.0350	0.0300	117	80-120	

Lab Batch #: 904513

Sample: 632276-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/11/13 10:50

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	108	100	108	70-135	
o-Terphenyl	55.2	50.1	110	70-135	

Lab Batch #: 904882

Sample: 632507-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/16/13 21:32

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	103	100	103	70-135	
o-Terphenyl	54.1	50.1	108	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 905064

Sample: 632598-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/18/13 12:18

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	79.8	99.7	80	70-135	
o-Terphenyl	50.1	49.9	100	70-135	

Lab Batch #: 905203

Sample: 632701-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/22/13 10:02

SURROGATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0.0300	101	80-120	
4-Bromofluorobenzene	0.0337	0.0300	112	80-120	

Lab Batch #: 904513

Sample: 455493-006 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/13 16:27

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	99.7	98	70-135	
o-Terphenyl	53.3	49.9	107	70-135	

Lab Batch #: 904882

Sample: 455493-017 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 07:07

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	109	99.8	109	70-135	
o-Terphenyl	50.0	49.9	100	70-135	

Lab Batch #: 905064

Sample: 455493-012 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 19:12

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	105	100	105	70-135	
o-Terphenyl	61.6	50.0	123	70-135	

* Surrogate outside of Laboratory QC limits
 ** Surrogates outside limits; data and surrogates confirmed by reanalysis
 *** Poor recoveries due to dilution
 Surrogate Recovery [D] = 100 * A / B
 All results are based on MDL and validated for QC purposes.



Form 2 - Surrogate Recoveries

Project Name: Skelly Baker Pump Station

Work Orders : 455493,

Project ID:

Lab Batch #: 905203

Sample: 456070-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/22/13 13:20

SURROGATE RECOVERY STUDY

BTEX by EPA 8021		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1,4-Difluorobenzene		0.0353	0.0300	118	80-120	
4-Bromofluorobenzene		0.0323	0.0300	108	80-120	

Lab Batch #: 904513

Sample: 455493-006 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/11/13 17:09

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		102	99.9	102	70-135	
o-Terphenyl		49.0	50.0	98	70-135	

Lab Batch #: 904882

Sample: 455493-017 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/17/13 07:33

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		107	99.9	107	70-135	
o-Terphenyl		47.5	50.0	95	70-135	

Lab Batch #: 905064

Sample: 455493-012 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/18/13 19:45

SURROGATE RECOVERY STUDY

TPH by SW8015 Mod		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1-Chlorooctane		104	100	104	70-135	
o-Terphenyl		62.5	50.0	125	70-135	

Lab Batch #: 905203

Sample: 456070-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/22/13 13:37

SURROGATE RECOVERY STUDY

BTEX by EPA 8021		Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes						
1,4-Difluorobenzene		0.0314	0.0300	105	80-120	
4-Bromofluorobenzene		0.0264	0.0300	88	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Project Name: Skelly Baker Pump Station

Work Order #: 455493

Analyst: KEB

Lab Batch ID: 905203

Sample: 632701-1-BKS

Batch #: 1

Date Prepared: 01/22/2013

Project ID:

Date Analyzed: 01/22/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021											
Benzene	<0.000998	0.0998	0.0973	97	0.0992	0.0862	87	12	70-130	35	
Toluene	<0.00200	0.0998	0.0917	92	0.0992	0.0811	82	12	70-130	35	
Ethylbenzene	<0.000998	0.0998	0.0947	95	0.0992	0.0851	86	11	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.186	93	0.198	0.169	85	10	70-135	35	
o-Xylene	<0.000998	0.0998	0.0979	98	0.0992	0.0875	88	11	71-133	35	

Analyst: KEB

Lab Batch ID: 904513

Sample: 632276-1-BKS

Batch #: 1

Date Prepared: 01/11/2013

Date Analyzed: 01/11/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH by SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<50.1	1000	934	93	1000	951	95	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<50.1	1000	931	93	1000	960	96	3	70-135	35	

Relative Percent Difference RPD = $200 * |(C-F)/(C+F)|$
 Blank Spike Recovery [D] = $100 * (C)/[B]$
 Blank Spike Duplicate Recovery [G] = $100 * (F)/[E]$
 All results are based on MDL and Validated for QC Purposes



Project Name: Skelly Baker Pump Station

Work Order #: 455493

Analyst: KEB

Lab Batch ID: 904882

Sample: 632507-1-BKS

Batch #: 1

Date Prepared: 01/16/2013

Project ID:

Date Analyzed: 01/16/2013

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<50.1	1000	1030	103	1000	1050	105	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<50.1	1000	956	96	1000	973	97	2	70-135	35	

Analyst: KEB

Date Prepared: 01/18/2013

Date Analyzed: 01/18/2013

Lab Batch ID: 905064

Sample: 632598-1-BKS

Batch #: 1

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<50.1	1000	913	91	997	866	87	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<50.1	1000	985	99	997	892	89	10	70-135	35	

Relative Percent Difference RPD = $200 * (C-F) / (C+F)$
 Blank Spike Recovery [D] = $100 * (C) / (B)$
 Blank Spike Duplicate Recovery [G] = $100 * (F) / (E)$
 All results are based on MDL and Validated for QC Purposes

Project Name: Skelly Baker Pump Station

Work Order #: 455493

Lab Batch ID: 905203

Date Analyzed: 01/22/2013

Reporting Units: mg/kg

Project ID:

QC- Sample ID: 456070-001 S Batch #: 1 Matrix: Soil

Date Prepared: 01/22/2013 Analyst: KEB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021											
Benzene	<0.00100	0.100	0.0916	92	0.101	0.0757	75	19	70-130	35	
Toluene	<0.00200	0.100	0.0869	87	0.101	0.0783	78	10	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0892	89	0.101	0.0766	76	15	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.170	85	0.201	0.147	73	15	70-135	35	
o-Xylene	<0.00100	0.100	0.0850	85	0.101	0.0718	71	17	71-133	35	

Lab Batch ID: 904513

Date Analyzed: 01/11/2013

Reporting Units: mg/kg

QC- Sample ID: 455493-006 S

Date Prepared: 01/11/2013

Analyst: KEB

Batch #: 1

Matrix: Soil

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH by SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<51.9	1040	1070	103	1040	935	90	13	70-135	35	
C12-C28 Diesel Range Hydrocarbons	74.1	1040	1120	101	1040	1010	90	10	70-135	35	

Lab Batch ID: 904882

Date Analyzed: 01/17/2013

Reporting Units: mg/kg

QC- Sample ID: 455493-017 S

Date Prepared: 01/16/2013

Analyst: KEB

Batch #: 1

Matrix: Soil

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH by SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<51.6	1030	1200	117	1030	1190	116	1	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<51.6	1030	1100	107	1030	1090	106	1	70-135	35	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
 Relative Percent Difference RPD = 200*(C-F)/(C+F)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable
 N = See Narrative, EQ = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

Work Order #: 455493

Lab Batch ID: 905064

Date Analyzed: 01/18/2013

Reporting Units: mg/kg

Project ID:

QC- Sample ID: 455493-012 S Batch #: 1 Matrix: Soil

Date Prepared: 01/18/2013 Analyst: KEB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
TPH by SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
	C6-C12 Gasoline Range Hydrocarbons	<52.3	1050	1140	109	1050	1230	117	8	70-135	35
C12-C28 Diesel Range Hydrocarbons	<52.3	1050	1260	120	1050	1340	128	6	70-135	35	

Matrix Spike Percent Recovery $[D] = 100 \cdot (C-A) / B$
 Relative Percent Difference $RPD = 200 \cdot (C-F) / (C+F)$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable; N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery $[G] = 100 \cdot (F-A) / E$

Sample Duplicate Recovery

Project Name: Skelly Baker Pump Station

Work Order #: 455493

Lab Batch #: 904456
Date Analyzed: 01/10/2013 16:30
QC- Sample ID: 455493-004 D
Reporting Units:

Date Prepared: 01/10/2013
Batch #: 1

Project ID:
Analyst: R
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	7.68	6.72	13	20	

Lab Batch #: 904564
Date Analyzed: 01/11/2013 14:00
QC- Sample ID: 455562-001 D
Reporting Units:

Date Prepared: 01/11/2013
Batch #: 1

Analyst: R
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	7.33	7.31	0	20	

Lab Batch #: 904564
Date Analyzed: 01/11/2013 15:57
QC- Sample ID: 455493-013 D
Reporting Units:

Date Prepared: 01/11/2013
Batch #: 1

Analyst: R
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	4.89	4.78	2	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
 All Results are based on MDL and validated for QC purposes.
 BRL - Below Reporting Limit

Environmental Plus, Inc.

P.O. Box 1588, 2100 Avenue "O", Eunice, New Mexico 88231
 Office: (575) 394-3481; FAX: (575) 394-2601

Chain of Custody Form

LAB - XENCO

455493

Company Name Environmental Plus, Inc. EPI Project Manager David P. Duncan Mailing Address P.O. BOX 1558 City, State, Zip Eunice New Mexico 88231 EPI Phone#/Fax# 575-394-3481 / 575-394-2601 Client Company Plains All American Facility Name Skelly Baker Pump Station Project Location UL-F, Sec. 27, T22S, R37E EPI Sampler Name David Robinson		Bill To  Attn: ENV Accounts Receivable PO Box 4648, Houston, TX 77210-4648		ANALYSIS REQUEST BTEX 8021B <input type="checkbox"/> BTEX 8021B <input type="checkbox"/> TPH 8015M <input type="checkbox"/> CHLORIDES (Cl) <input type="checkbox"/> SULFATES (SO ₄) <input type="checkbox"/> PH <input type="checkbox"/> TCLP <input type="checkbox"/> OTHER >> <input type="checkbox"/> PAH <input type="checkbox"/>																	
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>	PAH
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL										
11	SB-2 (45')	G 1				X				X		09-Jan-13	10:30	X							
12	SB-2 (50')	G 1				X				X		09-Jan-13	10:35	X							
13	SB-3 (30')	G 1				X				X		09-Jan-13	11:18	X							
14	SB-3 (35')	G 1				X				X		09-Jan-13	11:21	X							
15	SB-3 (40')	G 1				X				X		09-Jan-13	11:24	X							
16	SB-3 (45')	G 1				X				X		09-Jan-13	11:27	X							
17	SB-3 (50')	G 1				X				X		09-Jan-13	11:30	X							
18																					
19																					
20																					

E-mail results to: dduncanepi@gmail.com and jhenry@paalp.com
 NOTE: A 24-hr. TAT is requested for Soil Samples marked with an asterisk* [SB-1 (40'), SB-1 (45') and SB-1 (50')] only; Normal TAT (5-days) is requested for remainder of Soil Samples; BTEX analyses requested for one (1) Soil Sample per set displaying highest TPH concentrations in SB-1, SB-2 and SB-3 **2.5**

Test BTEX for which ever one has highest TPH.

Final 1.000



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: Environmental Plus, Incorporated

Acceptable Temperature Range: 0 - 6 degC

Date/ Time Received: 01/10/2013 03:36:00 PM

Air and Metal samples Acceptable Range: Ambient

Work Order #: 455493

Temperature Measuring device used :

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	2.5
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seals intact on shipping container/ cooler?	Yes
#5 Custody Seals intact on sample bottles?	Yes
#6 *Custody Seals Signed and dated?	Yes
#7 *Chain of Custody present?	Yes
#8 Sample instructions complete on Chain of Custody?	Yes
#9 Any missing/extra samples?	No
#10 Chain of Custody signed when relinquished/ received?	Yes
#11 Chain of Custody agrees with sample label(s)?	Yes
#12 Container label(s) legible and intact?	Yes
#13 Sample matrix/ properties agree with Chain of Custody?	Yes
#14 Samples in proper container/ bottle?	Yes
#15 Samples properly preserved?	Yes
#16 Sample container(s) intact?	Yes
#17 Sufficient sample amount for indicated test(s)?	Yes
#18 All samples received within hold time?	Yes
#19 Subcontract of sample(s)?	Yes
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	Yes
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	Yes
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	Yes

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst: _____	PH Device/Lot#: _____
----------------	-----------------------

Checklist completed by: _____

Date: _____

Checklist reviewed by: _____

Date: _____

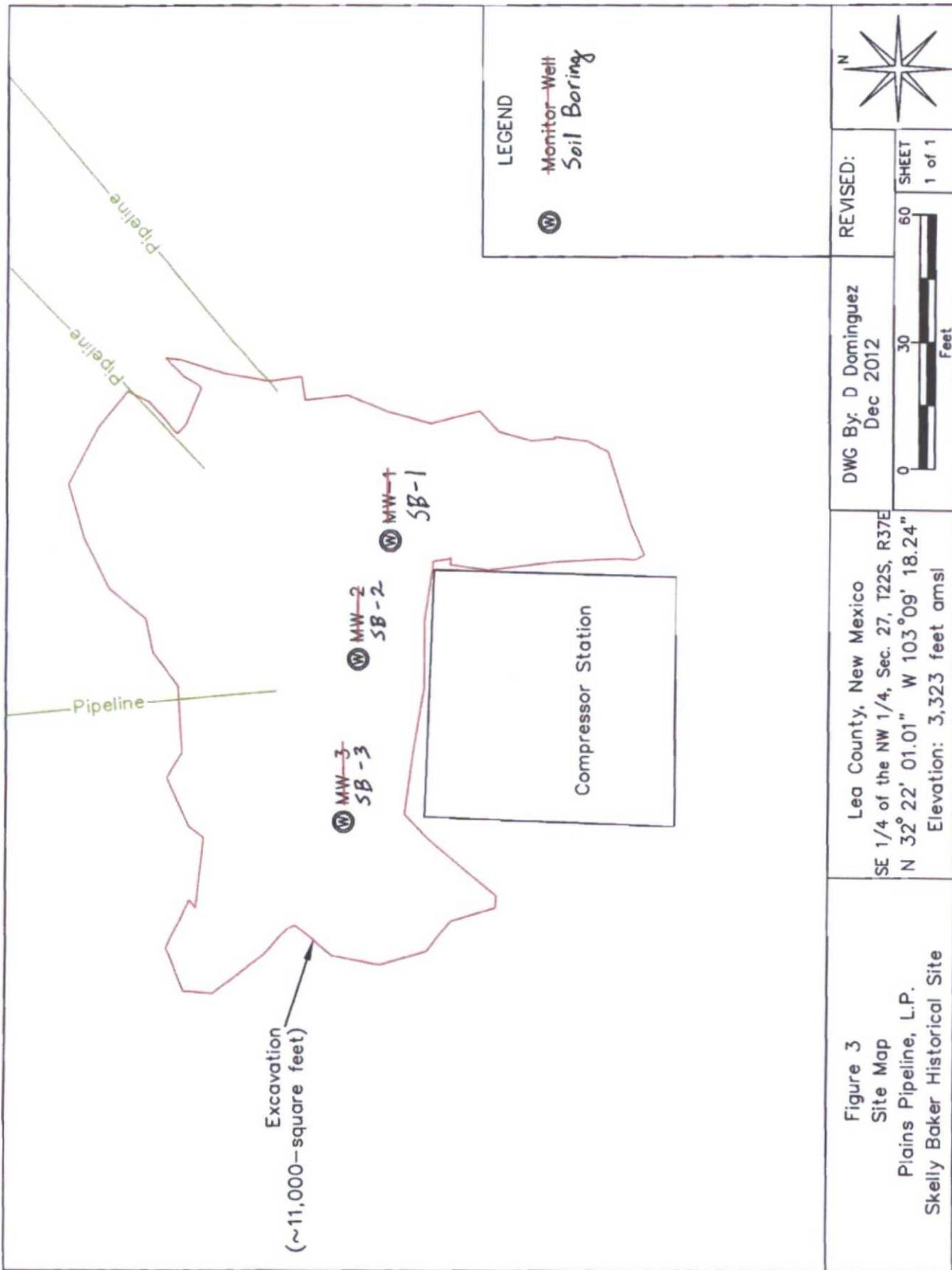


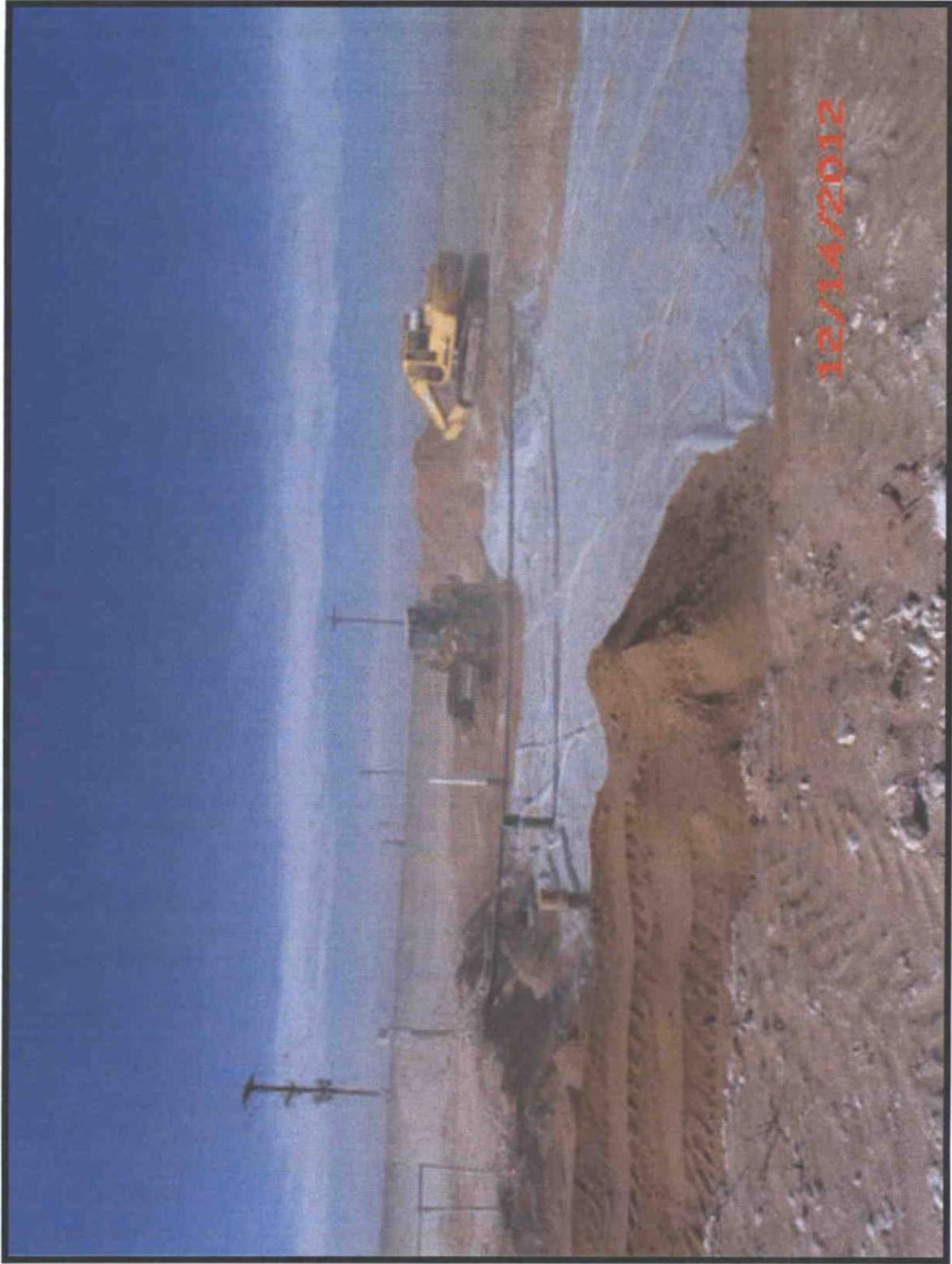
TABLE 2
Summary of Soil Boring Field Analyses and Laboratory Analytical Results
Skelly Baker Historical Pump Release Area (EPI Ref. #2010-0001)
UL-F (SE1/4 of the SW1/4) of Section 27, T22S, R37E; Lea County, New Mexico

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	TOTAL Xylenes (mg/Kg)	Total BTEX (mg/Kg)	Gas Range Organics (GRO) (C6-C10) (mg/Kg)	Diesel Range Organics (DRO) (>C10-C28) (mg/Kg)	Oil Range Organics (C28-C35 mg.Kg)	Total Hydrocarbons (C6-C38) (mg/Kg)	Chloride (mg/Kg)
SOIL BORINGS															
SB-1	25	In Situ	09-Jan-13	218	--	ND	ND	0.00189	0.00612	0.00801	211	1,160	ND	1,371	--
SB-1	30	In Situ	09-Jan-13	160	--	--	--	--	--	--	182	1,040	ND	1,222	--
SB-1	35	In Situ	09-Jan-13	52.4	--	--	--	--	--	--	88.9	1,020	ND	1,109	--
SB-1	40	In Situ	09-Jan-13	20.1	--	--	--	--	--	--	ND	250	ND	250	--
SB-1	45	In Situ	09-Jan-13	8.1	--	--	--	--	--	--	ND	74.7	ND	74.7	--
SB-1	50	In Situ	09-Jan-13	29.2	--	--	--	--	--	--	ND	74.1	ND	74.1	--
SB-2	25	In Situ	09-Jan-13	35.7	--	ND	ND	ND	ND	ND	ND	68.8	ND	68.8	--
SB-2	30	In Situ	09-Jan-13	5.8	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-2	35	In Situ	09-Jan-13	6.1	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-2	40	In Situ	09-Jan-13	7.3	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-2	45	In Situ	09-Jan-13	8.8	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-2	50	In Situ	09-Jan-13	4.8	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-3	30	In Situ	09-Jan-13	22.1	--	ND	ND	ND	ND	ND	ND	852	143	995	--
SB-3	35	In Situ	09-Jan-13	9.4	--	--	--	--	--	--	ND	96.7	ND	96.7	--
SB-3	40	In Situ	09-Jan-13	6.8	--	--	--	--	--	--	ND	54.3	ND	54.3	--
SB-3	45	In Situ	09-Jan-13	5.6	--	--	--	--	--	--	ND	ND	ND	ND	--
SB-3	50	In Situ	09-Jan-13	4.9	--	--	--	--	--	--	ND	ND	ND	ND	--
NMOCD Remedial Thresholds				100		10				50				100	250

Bold values are in excess of NMOCD Remediation Threshold Goal
 -- = Not Analyzed
 J = Detected, but below the Reporting Limit. Therefore, result is an estimated concentration (CPL J-Flag)

Skelly Baker Historical Site

Plains Pipeline, L.P.



12/14/2012