ENVIRONMENTAL PLUS, INC.
CONSULTING AND ENVIRONMENTAL REMEDIATION

17 January 2014

approved
Geoffrey Leking
Environmental Specialist
NMOCD - Dist I
3/7/14

HOBBS OCD
FEB 07 2014
RECEIVED

Mr. Geoffrey Leking
Environmental Specialist
New Mexico Oil Conservation Division
1625 North French Drive
Hobbs New Mexico 88240

RE: Remediation Closure Report
Plains Pipeline, L.P.
Skelly Baker Historical Release
UL-F (SE1/4 of the NW1/4) of Section 27, T22S, R37E
Latitude: N 32° 22' 00.25"; Longitude: W 103° 09' 18.34"
NMOCD Ref. #1RP-10-10-2638; EPI Ref. #8-24-2010

Mr. Leking:

The below *Remediation Closure Report* (*Report*) is an abbreviated version depicting prominent remedial activities conducted on the above referenced Release Area. However, for clarity and cross reference elimination purposes, the *Report* includes *Release History*, *Site Background*, *Preliminary Field Work*, *Analytical Data and Procedures* and *Field Remediation Activities*.

Release History

The source of release is unknown due to the historic nature of the site; suspected cause is the crude oil pump station that is near the historic staining. The historic release of crude oil resulted in an area of asphaltines measuring approximately 50' x 200'. Plains retained the services of Environmental Plus, Inc., (EPI) to GPS, photograph and delineate the release area.

Site Background

The Release Area is located in UL-F (SE1/4 of the NW1/4) of Section 27, T17S, R37E approximately 3,323-feet above mean sea level (amsl). The property is owned by Ed Johnston. A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). No water wells (domestic, agriculture or public) or bodies of groundwater exist within a 1,000-foot radius of the release area (reference *Figure 2*). Groundwater data indicates average water depth approximately 80-feet below ground surface (bgs). Based on available data, groundwater depth is approximately 60-feet below impacted soil. Utilizing this information, NMOCD Remedial Threshold Goals for the release area were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	1,000 parts per million
Chloride	500 parts per million

1RP-10-10-2638
PLWJ 1028851316

P.O. BOX 1558 ••• 2100 WEST AVE. O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 575•394•3481 FAX 575•394•2601

ENVIRONMENTAL PLUS, INC.

Preliminary Field Work:

What started as a project involving shallow excavation for removal of asphaltine and discolored ground areas evolved into an excavation approximately twenty (20) feet deep covering a surface area of ~12,400 square feet. From August 24 thru December 30, 2010, approximately 6,064 cubic yards of TPH contaminated material were excavated and transported to either EPI's Land Farm or Plain's Lea Station Land Farm for reclamation. In general, east and west sidewalls of the excavation are void of TPH concentrations in excess of NMOCD Remedial Threshold Goals (NMOCD Goals) of 1,000 mg/Kg. Although the south sidewall contains areas of elevated TPH concentrations, it is contiguous with an active Pump Station which precludes additional excavation activities in the southerly direction.

Bottom of the excavation is void of TPH concentration in excess of NMOCD Goals on the east and center sections. However, the west section does contain TPH concentrations which are over NMOCD Goals (Ref. *Table 3* for values).

Analytical Data and Procedures:

For activities described above and below where soil samples were collected, a portion of selected soil sample was field analyzed for organic vapor concentrations. Soil samples collected for field analysis of organic vapors were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Soil samples were then tested for organic vapor concentrations utilizing a MiniRae™ Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) lamp calibrated for benzene vapors.

Soil samples designated for laboratory analyses were immediately inserted into laboratory approved containers, properly labeled, placed in self sealing polyethylene bags, inserted into coolers, iced down and transported to an independent laboratory for quantification of TPH [GRO (C6-C12), DRO (>C12-C28) and ORO (>C28-C35)] concentrations under Chain-of-Custody protocol.

Field Remediation Activities:

EPI mobilized at the site on November 26, 2012 to begin final excavation activities. From November 26 -29, 2012 the west end of the excavation bottom was excavated to width and depth needed for removal of TPH concentrations greater than NMOCD Goals. During excavation activities, the track-hoe stayed within the 20-foot depth range for safety reasons. Permanent steel pipe support(s) were constructed to hold the over head steel pipeline and wooden braces were removed. The northerly sector of contaminated sidewall was excavated laterally until soil sample field tests indicated TPH concentrations were below NMOCD Goals.

Soil samples were routinely collected via track-hoe bucket and field tested for TPH concentrations. Once field tests indicated the westerly section was free of TPH concentration above NMOCD Goals, soil samples were collected, properly bottled, labeled and remitted to an independent laboratory under Chain-of-Custody protocol for analyses of TPH concentrations.

Laboratory analytical results from the excavation sides and ramps indicated it was generally void of TPH concentrations above NMOCD Goals. TPH concentrations remain above NMOCD Goals in the area of SW-2 (South Side) (reference *Table 3*).

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	**Plains Pipeline, LP**	Contact	**Jason Henry**
Address	**2530 Hwy 214 – Denver City, Tx 79323**	Telephone No.	**(575) 441-1099**
Facility Name	**Skelly Baker Pump Historical**	Facility Type	**Pump Station and pipeline**

Surface Owner **Ed Johnston**	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	27	22S	37E					Lea

Latitude N 32.366885° Longitude W 103.154997°

STR 80'

NATURE OF RELEASE

Type of Release **Crude Oil**	Volume of Release **Unknown**	Volume Recovered **Unknown**
Source of Release **Pump Station Piping**	Date and Hour of Occurrence **Unknown**	Date and Hour of Discovery **March 2010**
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

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If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Source of release is unknown due to the historic nature; suspected cause is the crude oil pump station that is near the historic staining.

Describe Area Affected and Cleanup Action Taken.* .

Historic release of crude resulted in area of asphaltines measuring approximately 50' x 200'. The impacted soil will be disposed of at a NMOCD permitted facility and clean backfill will be purchased from the landowner.

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: Jason Henry	OIL CONSERVATION DIVISION
Printed Name: **Jason Henry**	Approved by District Supervisor: Johnson ENVIRONMENTAL ENGINEER
Title: **Remediation Coordinator**	Approval Date: 10.15.10 Expiration Date: 12.15.10
E-mail Address: **jhenry@paalp.com**	Conditions of Approval: Attached ☐
Date: 10-15-2010 Phone: (575) 441-1099	SUBMIT FINAL C-141 W/ DOCS BY IRP# 10.10.2638

* Attach Additional Sheets If Necessary

After excavation activities were completed, backfilling began on December 4, 2012. During backfill activities EPI installed three (3) 8" diameter PVC pipes (SB-1, SB-2, SB-3) for future soil borings to determine vertical extent of contamination (reference *Figure 3*).

Backfilling of the excavation continued in preparation of liner installation with the bottom area being smoothed of irregularities and two (2) feet layer of cushion top soil deposited and smoothed. During backfill activities pipe support elevations were adjusted with height of backfill cushion material, then all pipe supports removed to avoid direct contact with the liner.

On December 14, 2012, Akome, Inc. arrived on jobsite and placed a 20-mil reinforced polyethylene liner in excavation bottom and three (3) "booties" on 8" diameter PVC piping. After completing installation of the liner, backfilling continued with clean top soil free of deleterious material, large rocks and/or clods until the entire excavation was closed.

On January 9, 2013, EPI personnel met Straub Corp. on jobsite and commenced advancement of soil borings in SB-1, SB-2 and SB-3 conduits. Seventeen (17) soil samples were collected, analyzed with PID for TPH concentrations and jarred. The 8" diameter PVC conduits were covered to prevent contamination. Soil samples were processed and transported to an independent laboratory per *Analytical Data and Procedures* outlined in this *Report*.

Laboratory analytical results from soil boring samples indicated the Release Area is void of TPH concentrations above NMOCD Goals of 1,000-mg/Kg in areas of SB-1 (below 35' bgs), SB-2 and SB-3. TPH concentrations remain above NMOCD Goals for SB-1 in the 25' to 35' bgs interval only (reference *Table 2*).

Upon completion of soil boring activities, EPI personnel mobilized at jobsite to plug and abandon SB-1, SB-2 and SB-3 conduits. Plugging terminated at approximately 4-feet below ground level. Then the area around the conduits was excavated to a depth of ±3-feet below ground level; PVC pipe section cut off and 8" dia. cap installed. The disturbed areas were then contoured to prevent wind/water erosion, pooling of water and promote natural drainage.

Remaining activity for completion of project is discing and deep drill seeding the disturbed areas with a seed mixture approved by the landowner. However, in view of drought conditions, it is recommended postponing this activity until ground and weather conditions are conducive to vegetative growth.

Plains and EPI personnel are cognizant this represents a "risk based" closure procedure, but feel it is justified under conditions described above in conjunction with an active Pump Station. Upon closure and removal of the pump station and infrastructure, remaining impacted material will be removed and area returned to natural state.

Should you have questions, concerns or need additional technical information, please contact me at (575) 394 – 3481 (office), (575) 631 – 0401 (cellular) or via e-mail at ddominguezepi@gmail.com.

Direct official communications to Mrs. Camille Bryant at (575) 394-2089 (office), (575) 441-1099 (cellular) or via e-mail at cjbryant@paalp.com with correspondence addressed to:

Mrs. Camille Bryant
Remediation Coordinator
Plains Pipeline, L.P.
2530 State Highway #214
Denver City, Texas 79323

Sincerely,

ENVIRONMENTAL PLUS, INC.,

Daniel Dominguez
Environmental Consultant

Cc: Camille Bryant, Remediation Coordinator – Plains Pipeline, L.P.
Jeff Dann, Senior Environmental Remediation and Compliance Specialist – Plains Pipline, L.P.
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Encl: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site Map
Table 1 – Well Data
Table 2 – Summary of Soil Boring Field Analyses and Laboratory Analytical Results
Table 3 – Summary of Soil Sample Field Analyses and Laboratory Analytical Results
Attachment I – Site Photographs
Attachment II – Laboratory Analytical Results and Chain-of-Custody Forms
Attachment III – Information and Metrics, Copy of Initial NMOCD Form C-141
Final NMOCD Form C-141

FIGURES

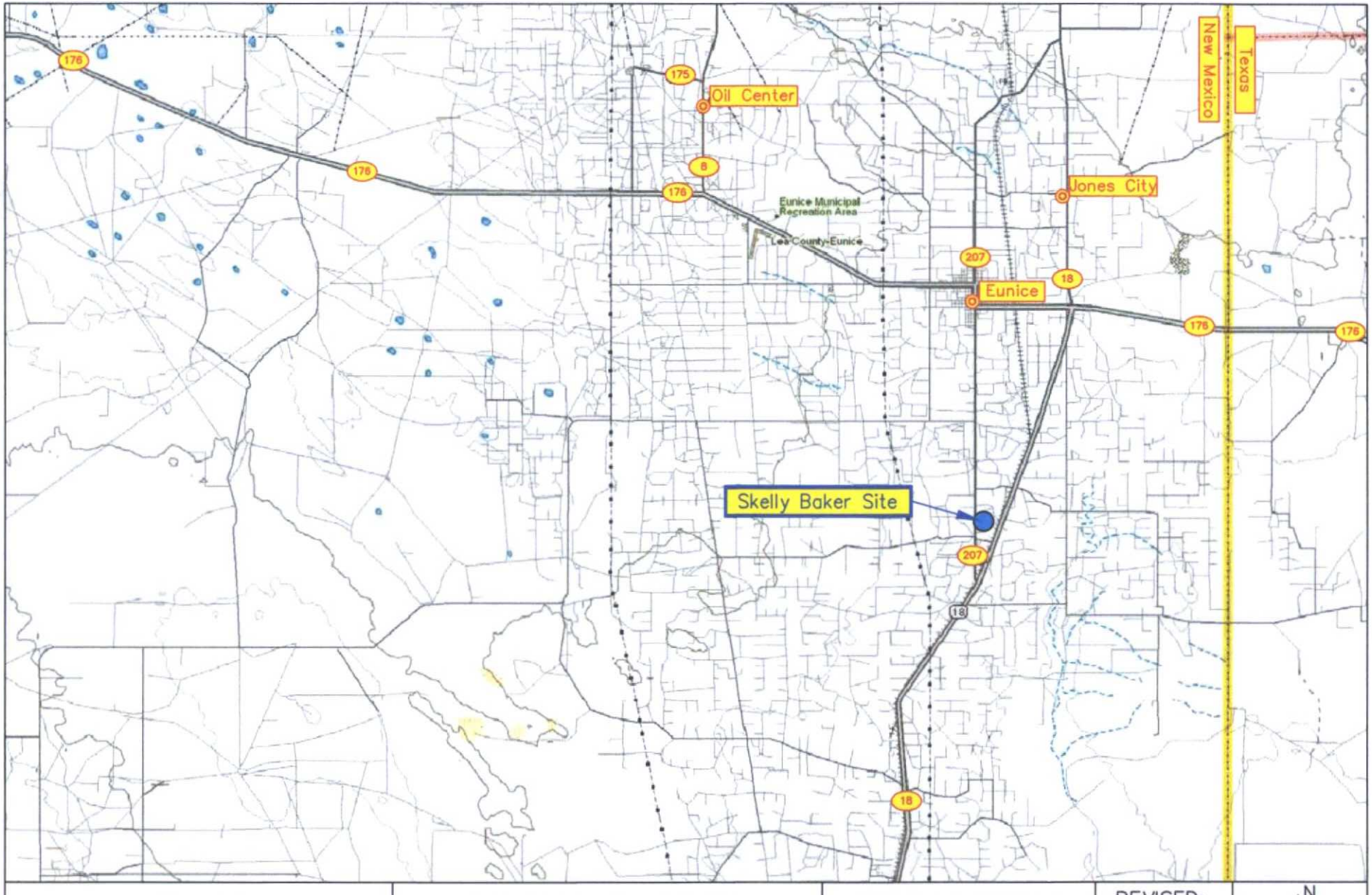

Figure 1
Area Map
Plains Pipeline, L.P.
Skelly Baker Historical Site

Lea County, New Mexico
SE 1/4 of NW 1/4, Sec. 27, T22S, R37E
N 32° 22' 00.25" W 103° 09' 18.34"
Elevation: 3,323 feet amsl

DWG By: D Dominguez
December 2013

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SHEET
1 of 1

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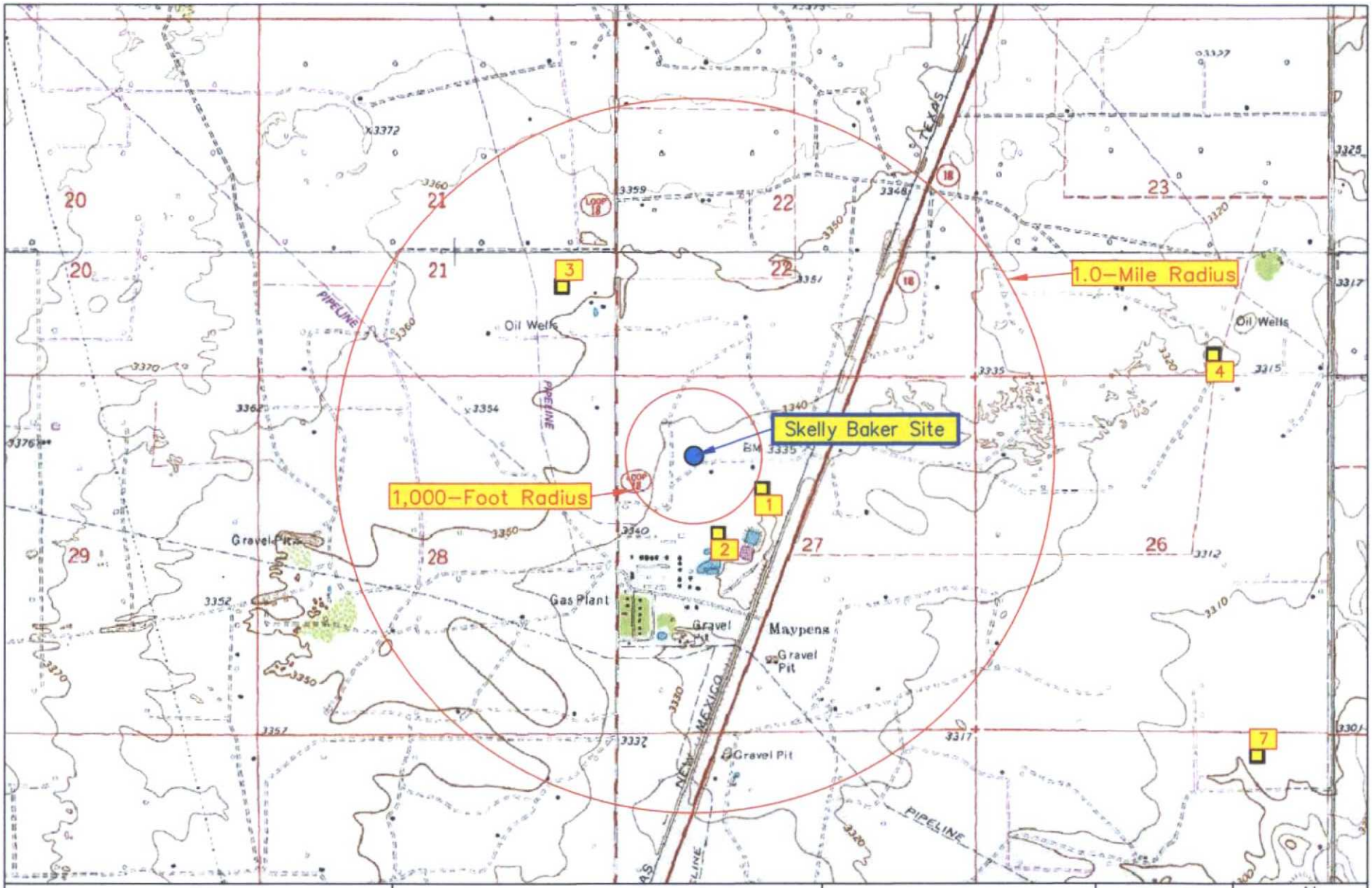

Figure 2 Site Location Map Plains Pipeline, L.P. Skelly Baker Historical Site	Lea County, New Mexico SE 1/4 of NW 1/4, Sec. 27, T22S, R37E N 32° 22' 00.25" W 103° 09' 18.34" Elevation: 3,323 feet amsl	DWG By: D Dominguez December 2013	REVISED:
		0 2,000 4,000 Feet	SHEET 1 of 1
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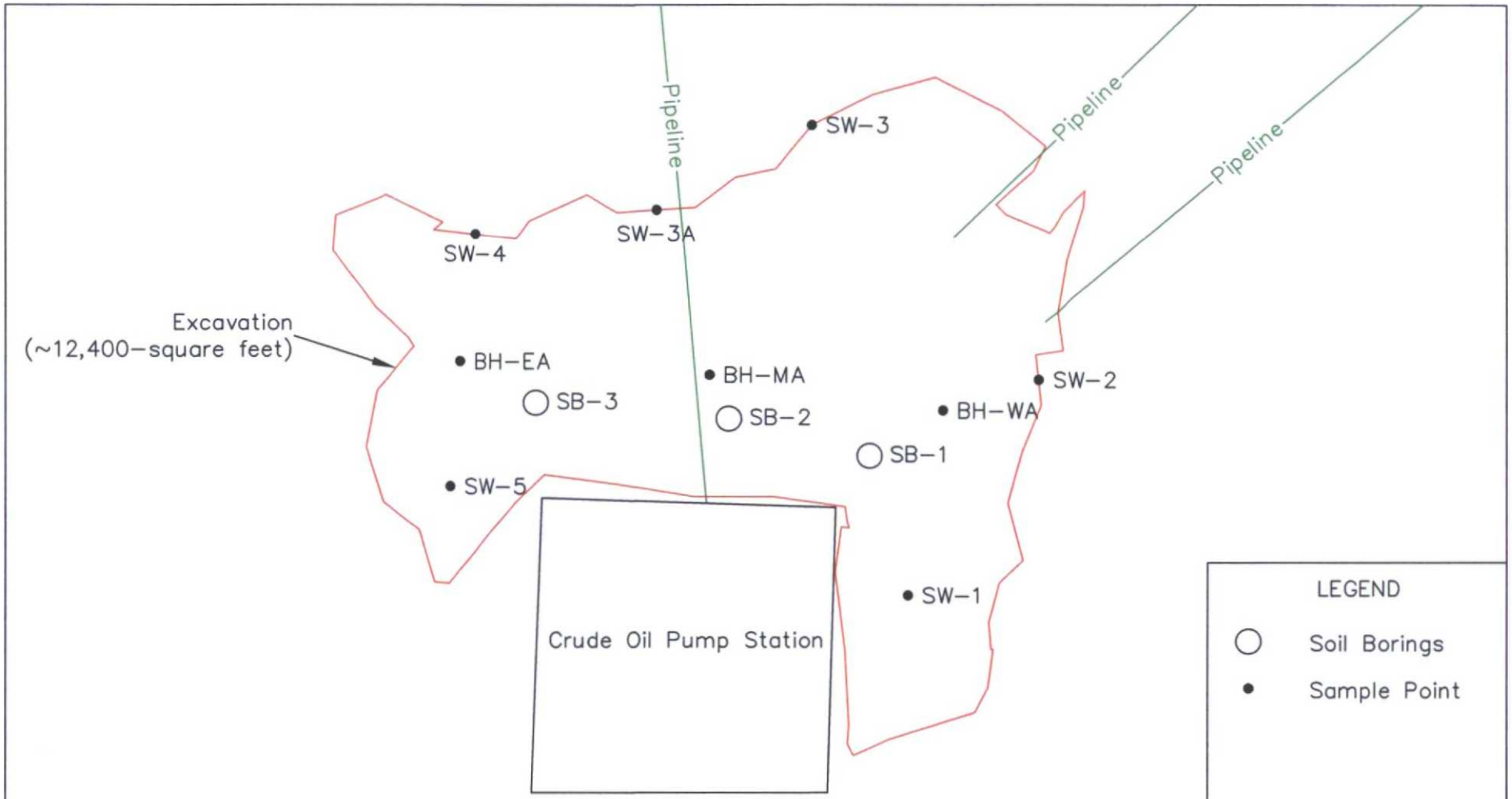

Figure 3 Site Map Plains Pipeline, L.P. Skelly Baker Historical Site	Lea County, New Mexico SE 1/4 of NW 1/4, Sec. 27, T22S, R37E N 32° 22' 00.25" W 103° 09' 18.24" Elevation: 3,323 feet amsl	DWG By: D Dominguez December 2013 0 30 60 Feet	REVISED: SHEET 1 of 1	N

TABLES

TABLE 1

Well Data

Plains Pipeline, L.P. - Skelly Baker Historical Release

Ref #	Well Number	Diversion[A]	Owner	Use	Twsp	Rng	Sec	q64	q16	q4	Easting	Northing	Date Measured	Surface Elevation[B]	Depth to Water (ft bgs)
1	CP 00009	40	VERSADO GAS PROCESSORS LLC	IND	22S	37E	27	4	4	1	673883	3582253	01/17/2002	3,335	52
2	CP 00243	40	VERSADO GAS PROCESSORS LLC	IND	22S	37E	27	1	2	3	673690	3582051	01/17/2002	3,335	54
3	CP 00503	3	TOMMY HENDERSON	DOL	22S	37E	21		4	4	672965	3583144	09/15/1972	3,350	65
4	CP 00470	0	CAPITAIN DRILLING CO. INC.	PRO	22S	37E	23	2	1	2	675886	3582892	12/03/1968	3,320	65
7	CP 00545	3	R.D. SIMS	DOL	22S	37E	35	3	2	2	676117	3581091	06/14/1975	3,300	35
5	CP 00561	3	DELLA M. FERGUSON	STK	22S	37E	34	3	3	3	673324	3579834	12/29/1976	3,330	60
6	C 00496	38.4	JOHN METHOLA	IRR	22S	37E	35	4	4	4	676339	3579884	07/31/1953	3,290	30

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

[A] = In acre feet per annum

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

IND = Industrial

DOL = 72-12-1 Domestic and Livestock watering

PRO = 72-12-1 Prospecting or development of natural resource

STK = 72-12-1 Livestock watering

IRR = Irrigation

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

Shaded area indicates wells not shown in Figure 2

TABLE 2

Summary of Soil Boring Field Analyses and Laboratory Analytical Results

Skelly Baker Historical Pump Release Area (EPI Ref. #8-24-2010)

UL-F (SE1/4 of the NW1/4) 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 (ORO) (C28-C35) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
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				1,000	500

Bold values are in excess of NMOCD Remediation Threshold Goals

-- = Not Analyzed

TABLE 3

Summary of Soil Sample Field Analyses and Laboratory Analytical Results

Skelly Baker Historical Pump Release Area (EPI Ref. #8-24-2010)

UL-F (SE1/4 of the NW1/4) 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 (ORO) (C28-C35) (mg/Kg)	Total TPH (mg/Kg)	Paint Filter Liquids Test	Chloride (mg/Kg)
SW-1 (N)	1.5	Excavated	23-Sep-10	98.2	--	--	--	--	--	--	374	1,420	37.3	1,831	--	--
SW-1 (N)	2	Excavated	27-Sep-10	0.4	--	--	--	--	--	--	ND	140	ND	140	--	--
SW-2 (W)	1.5	Excavated	23-Sep-10	11.8	--	--	--	--	--	--	ND	169	27.6	197	--	--
SW-3 (S)	1.5	Excavated	23-Sep-10	27.3	--	--	--	--	--	--	ND	74.4	16.9	91	--	--
SW-4 (E)	1.5	Excavated	23-Sep-10	25.1	--	--	--	--	--	--	ND	1,320	ND	1,320	--	--
BH-1	3.5	Excavated	23-Sep-10	122	--	--	--	--	--	--	923	2,770	84.0	3,777	--	--
BH-1	2.5	Excavated	05-Oct-10	16.6	--	--	--	--	--	--	ND	132	ND	132	--	--
BH-2	2.5	Excavated	05-Oct-10	21.7	--	--	--	--	--	--	ND	ND	ND	ND	--	--
BH-3	2.5	Excavated	05-Oct-10	28.1	--	--	--	--	--	--	ND	247	ND	247	--	--
BH-4	2.5	Excavated	05-Oct-10	12.2	--	--	--	--	--	--	ND	ND	ND	ND	--	--
BH-5	4.5	Excavated	05-Oct-10	171.0	--	--	--	--	--	--	2,050	4,660	89.0	6,799	--	--
BH-6	4.5	Excavated	05-Oct-10	132.0	--	--	--	--	--	--	1,000	3,680	ND	4,680	--	--
BH-7	2.5	Excavated	05-Oct-10	22.8	--	--	--	--	--	--	ND	54.1	ND	54	--	--
BH-8	2	Excavated	05-Oct-10	15.6	--	--	--	--	--	--	ND	ND	ND	ND	--	--
BH-9	2	Excavated	05-Oct-10	44.2	--	--	--	--	--	--	184	1,620	ND	1,804	--	--
BH-10	2	Excavated	05-Oct-10	23.7	--	--	--	--	--	--	ND	642	ND	642	--	--
BH-11	2	Excavated	05-Oct-10	32.9	--	--	--	--	--	--	ND	ND	ND	ND	--	--
BH-12	2	Excavated	05-Oct-10	29.6	--	--	--	--	--	--	ND	ND	ND	ND	--	--
SW-1	3	Excavated	05-Oct-10	91.6	--	--	--	--	--	--	760	3,880	90.2	4,730	--	--
SW-2	3	Excavated	05-Oct-10	42.9	--	--	--	--	--	--	ND	317	ND	317	--	--
SW-3	3	Excavated	05-Oct-10	55.7	--	--	--	--	--	--	296	1,580	26.5	1,903	--	--
SW -4	3	Excavated	05-Oct-10	18.8	--	--	--	--	--	--	30.4	255	ND	285	--	--
SW-5 (W)	3	Excavated	12-Oct-10	--	--	--	--	--	--	--	958	4,080	107	5,145	Pass	ND
WSW-1	10	Excavated	22-Nov-10	404	--	--	--	--	--	--	1,940	5,350	ND	7,290	--	13
NWSW-1	10	Excavated	22-Nov-10	371	--	--	--	--	--	--	605	1,810	17	2,432	--	--
NESW-1	10	Excavated	22-Nov-10	208	--	--	--	--	--	--	1,120	3,940	49.4	5,109	--	--
ESW-1	10	Excavated	22-Nov-10	98.2	--	--	--	--	--	--	109	1,830	21	1,960	--	10.6

TABLE 3

Summary of Soil Sample Field Analyses and Laboratory Analytical Results

Skelly Baker Historical Pump Release Area (EPI Ref. #8-24-2010)

UL-F (SE1/4 of the NW1/4) 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 (ORO) (C28-C35) (mg/Kg)	Total TPH (mg/Kg)	Paint Filter Liquids Test	Chloride (mg/Kg)
EBH-1	15	Excavated	22-Nov-10	336	--	--	--	--	--	--	1,080	3,500	27.7	**4,608**	--	--
MBH-1	15	Excavated	22-Nov-10	522	--	--	--	--	--	--	1,140	2,970	21.5	**4,132**	--	--
WBH-1	15	Excavated	22-Nov-10	269	--	--	--	--	--	--	746	2,550	29.4	**3,325**	--	ND
BH-EA	20	In Situ	31-Jan-11	--	--	--	--	--	--	--	44.5	243	ND	288	--	--
BH-MA	20	In Situ	31-Jan-11	--	--	--	--	--	--	--	44.5	399	ND	444	--	--
BH-WA	20	In Situ	31-Jan-11	--	--	--	--	--	--	--	456	1,900	42	**2,400**	--	--
SW-1 (SE Ramp)		In Situ	28-Nov-12	--	--	--	--	--	--	--	<50.0	770	--	770	--	--
SW-2 (South Side)		In Situ	27-Nov-12	--	--	--	--	--	--	--	703	3,870	--	**4,573**	--	--
SW-3 (North Side)		In Situ	27-Nov-12	--	--	--	--	--	--	--	<10.0	<10.0	--	<20.0	--	--
SW-3A (North Central Wall)		In Situ	29-Nov-12	--	--	--	--	--	--	--	<10.0	<10.0	--	<20.0	--	--
SW-4 (North Side)		In Situ	27-Nov-12	--	--	--	--	--	--	--	<10.0	<10.0	--	<20.0	--	--
SW-5 (SW Ramp)		In Situ	29-Nov-12	--	--	--	--	--	--	--	<10.0	<10.0	--	<20.0	--	--
NMOCD Remedial Thresholds				100		10				50				1,000		500

Bolded values are in excess of NMOCD Remediation Threshold Goals

-- = Not Analyzed

Excavation Nomenclature; BH - Bottom Hole; SW - Sidewall (E - East Sidewall;W - West Sidewall; N - North Sidewall; S - South Sidewall)

Shaded area indicates excavated sample locations.

ATTATCHMENTS

ATTATCHMENT I
Photographs

Photograph #1 – Looking northerly at asphaltine and historic overflow area

Photograph #2 – Looking westerly at active Pump Station adjacent to historic overflow area

Photograph #3 – Looking southerly at Pump Station and partially remediated historic overflow area

Photograph #4 – Looking northerly at initial excavated area and active pipeline supported with wooden brace

Photograph #5 – Looking north-easterly at excavation, active lines and wooden brace

Photograph #6 – Looking westerly at excavation, active pipeline supported by wooden brace and southerly wall adjacent to Pump Station

Photograph #7 – Looking south-easterly toward SB-1 and SB-2 conduits.

Photograph #8 – Looking south-westerly toward SB-3 conduit.

Photograph #9 – Looking north-westerly during liner installation.

Photograph #10 – Looking south-westerly during liner installation.

Photograph #11 – Looking south-westerly across backfilled, closed location.

Photograph #12 – Looking southerly toward active pump station.