

CLOSURE REPORT (FINAL)

MOBIL STATE ZZ TANK BATTERY

NMOCD 1RP #1495

EPI REF: 255001

UL-F (SE $\frac{1}{4}$ OF THE NW $\frac{1}{4}$) OF SECTION 7 T17S R35E

~3.3 MILES NORTH OF BUCKEYE

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 51' 04.21"

LONGITUDE: W 103° 29' 55.22"

SEPTEMBER 2007

PREPARED BY:

**ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231**

PREPARED FOR:



Centurion Pipeline





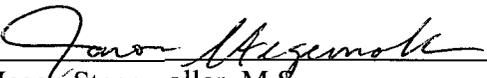
STANDARD OF CARE

Closure Report (Final)

Mobil State ZZ Tank Battery (NMOCD 1RP #1495; EPI Ref. #255001)

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills and Releases* (August 13, 1993), the NMOCD *Unlined Surface Impoundment Closure Guidelines* (February, 1993) and Environmental Plus, Inc. (EPI) *Standard Operating Procedures and Quality Assurance/Quality Control Plan*. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were derived using currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered professional with a background in engineering, environmental and/or natural sciences.

This report was prepared by:



Jason Stegemoller, M.S.
Environmental Scientist

18 September 2007
Date

This report was reviewed by:



David Duncan
Civil Engineer

9-13-07
Date



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1.0 PROJECT SYNOPSIS

Site Specific:

- ◆ **Company Name:** Centurion Pipeline, L.P.
- ◆ **Facility Name:** Mobil State ZZ Tank Battery
- ◆ **Project Reference:** NMOCD IRP #1495; EPI Ref. #255001
- ◆ **Company Contacts:** Darrel Lester and Becky Moore
- ◆ **Site Location:** WGS84 N32° 51' 04.21"; W103° 29' 55.22"
- ◆ **Legal Description:** Unit Letter-F, (SE¼ of the NW¼), Section 7, T 17 S, R 35 E
- ◆ **General Description:** Approximately 3.3-miles north of Buckeye, New Mexico
- ◆ **Elevation:** 4,007-ft amsl
- ◆ **Land Ownership:** Eidson Ranch
- ◆ **EPI Personnel:** Project Consultant – Jason Stegemoller
Project Foreman – David Robinson

Release Specific:

- ◆ **Product Released:** Crude oil
- ◆ **Volume Released:** ~4 barrels (estimated)
- ◆ **Volume Recovered:** none
- ◆ **Date of Occurrence:** 15 June 2005
- ◆ **Date of Discovery:** 15 June 2005
- ◆ **Release Source:** Check valve failure on Centurion pipeline caused tank to overflow.
- ◆ **Initial Surface Area Affected:** ~5,100 square feet

Remediation Specific:

- ◆ **Final Vertical extent of contamination:** 14-feet bgs at maximum depth
- ◆ **Depth to Ground Water:** ~76.5-ft bgs
- ◆ **Water wells within 1,000-ft:** None (upon completion of plugging water well on battery pad)
- ◆ **Private domestic water sources within 200-ft:** None
- ◆ **Surface water bodies within 1,000-ft:** None
- ◆ **NMOCD Site Ranking Index:** 30 points (10 points upon completion of plugging water well on battery pad)
- ◆ **Remedial goals for Soil:** TPH – 100 mg/Kg; BTEX – 50 mg/Kg; Benzene – 10 mg/Kg; Chloride residuals may not be capable of impacting groundwater above the NMWQCC groundwater standard of 250 mg/L. (Based on depth to groundwater and plugging of nearby water well, NMOCD-Hobbs has allowed TPH concentrations to be <1,000 mg/Kg)
- ◆ **RCRA Waste Classification:** Exempt
- ◆ **Remediation Option Selected:** a) Excavated crude oil impacted soil; b) soil sample laboratory analyses to confirmed excavation sidewalls and floor below acceptable limits; c) transported excavated material to landfarm for treatment; e) backfilled the excavation with clean soil; f) seeded pasture remediation area with a blend approved by the landowner; g) plugged and abandoned water well.
- ◆ **Disposal Facility:** Artesia Aeration, Buckeye, New Mexico (~812-cubic yards)/South Monument Landfarm, Monument, New Mexico (~934-cubic yards)
- ◆ **Volume disposed:** Approximately 1,746-cubic yards
- ◆ **Project Completion Date:** 26 July 2007



2.0 SITE AND RELEASE INFORMATION

- 2.1 ***Describe the land use and pertinent geographic features within 1,000 feet of the site.***
In addition to oilfield activities, land surrounding the area is rangeland and utilized for livestock grazing.
- 2.2 ***Identify and describe the source or suspected source(s) of the release.***
Check valve failure on Centurion pipeline caused tank to overflow.
- 2.3 ***What is the volume of the release? (if known):*** ~4 barrels of crude oil
- 2.4 ***What is the volume recovered? (if any)*** 0 barrels
- 2.5 ***When did the release occur? (if known):*** 15 June 2005
- 2.6 ***Geological Description***
The United States Geological Survey (USGS) Ground-Water Report 6, “*Geology and Ground-water Conditions in Southern Lea County, New Mexico*,” A. Nicholson and A. Clebsch, 1961, describes the near surface geology of southern Lea County as “an intergrade of the Quaternary Alluvium (QA) sediments (i.e., fine to medium sand) with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil.”
- 2.7 ***Ecological Description***
Typical vegetation consists primarily of an intergrade of High Plains and Northern Chihuahuan Desert grasses. Vegetation includes perennial grasses (eg. blue grama, buffalograss) and annual and perennial forbs (eg. broad-leafed milkweed and Russian thistle). Degraded/disturbed areas will consist primarily of annual grasses and forbs and mesquite exhibiting shrubby growth forms. Mammals represented include Orrd’s and Merriam’s Kangaroo Rats, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, amphibians and birds are numerous and typical of the area. A survey of Listed, Threatened or Endangered species was not conducted.
- 2.8 ***Area Groundwater***
The unconfined groundwater aquifer at this site was gauged on August 15, 2006 of ~76.8-feet below ground surface (bgs). On July 24, 2007, groundwater was gauged to be ~76.5-feet bgs. These depths are consistent with water depth data from the New Mexico State Engineers Office and the United States Geological Survey data base (reference *Table 1*).
- 2.9 ***Area Water Wells***
No public water supply wells are located within 1,000-feet of the release site. A six (6) inch diameter steel cased water well existed on the well pad within 100-feet of the release area. The water well was plugged in accordance with New Mexico regulations by Straub Corporation of Stanton, Texas. In addition, no private domestic fresh water wells or springs used by less than five households for domestic or stock watering purposes exist within 200-feet of the release site (reference *Table 1*, *Figure 2* and *Appendix IV*).
- 2.10 ***Area Surface Water Features***
No surface water features exist within 1,000 feet of the release site (reference *Figure 2*).



3.0 NMOCD SITE RANKING

Contaminant delineation and remedial work done at this site indicate chemical parameters of the soil and physical parameters of the groundwater were characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- ◆ *Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)*
- ◆ *Unlined Surface Impoundment Closure Guidelines (February, 1993)*
- ◆ *Pit and Below-Grade Tank Guidelines (November, 2004)*

Acceptable thresholds for contaminants/constituents of concern (CoC) were determined based on the NMOCD Ranking Criteria as follows:

- ◆ *Depth to Groundwater (i.e., distance from the lower most acceptable concentration to groundwater);*
- ◆ *Wellhead Protection Area (i.e., distance from fresh water supply wells);*
- ◆ *Distance to Surface Water Body (i.e., horizontal distance to all down gradient surface water bodies).*

Based on the proximity of the site to protectable area water wells, surface water bodies, and depth to groundwater from the lower most contamination, the NMOCD ranking score for the site is thirty (30) points with the soil remedial goals highlighted in the Site Ranking table presented below:

1. GROUNDWATER		2. WELLHEAD PROTECTION AREA		3. DISTANCE TO SURFACE WATER	
Depth to GW <50 feet: 20 points		If <1,000' from water source, or <200' from private domestic water source: 20 points (NOTE: Water well was plugged and abandoned utilizing NMOSE guidelines on July 26, 2007)		<200 horizontal feet: 20 points	
Depth to GW 50 to 99 feet: 10 points				200-1,000 horizontal feet: 10 points	
Depth to GW >100 feet: 0 points				>1,000 horizontal feet: 0 points	
Site Rank (1+2+3) = 10 + 20 + 0 = 30 points					
Total Site Ranking Score and Acceptable Remedial Goal Concentrations					
Parameter	20 or >	10	0		
Benzene ¹	10 ppm	10 ppm	10 ppm		
BTEX ¹	50 ppm	50 ppm	50 ppm		
TPH	100 ppm	1,000 ppm	5,000 ppm		

¹ A field soil vapor headspace measurement of 100 ppm can be substituted in lieu of laboratory analyses for benzene and BTEX.



4.0 **EXCAVATED SOIL INFORMATION**

4.1 *Was soil excavated for off-site treatment or disposal?* *Yes* *No*

Date excavated: April 19, 2007 through May 7, 2007

Total volume removed: Approximately 1,746-cubic yards

4.2 *Indicated soil treatment type:*

<input type="checkbox"/>	<i>Disposal</i>
<input checked="" type="checkbox"/>	<i>Land Treatment</i>
<input type="checkbox"/>	<i>Composting/Biopiling</i>
<input type="checkbox"/>	<i>Other</i>

Name and location of treatment/disposal facility:
Artesia Aeration – located near Maljamar, New Mexico (~812-cubic yards)
South Monument Landfarm – located near Monument, New Mexico (~934-cubic yards)



5.0 SAMPLING INFORMATION

5.1 *Briefly describe the field screening methods used to distinguish contaminated from uncontaminated soil.*

Organic Vapor Concentrations – A portion of each soil sample collected was inserted into a self-sealing polyethylene bag to allow volatilization of organic vapors. After the samples equilibrated to ~70° F, they were analyzed for organic vapors utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp and calibrated for benzene response.

Chloride Concentrations – A portion of each soil sample collected was tested in the field utilizing a La Motte Chloride Test Kit (titration type).

5.2 *Briefly describe the soil analytical sampling and handling procedures used.*

Prior to and between collection of soil samples from test trenches/soil borings/excavation, sample collection tools were sterilized in an Alconox solution. Upon collection of each sample, a portion was immediately placed in a laboratory provided container, labeled and set on ice for transport to an independent laboratory for quantification of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene and total xylenes (BTEX) and chloride concentrations. The remaining soil sample was placed in a polyethylene bag for field analyses of organic vapor and chloride concentrations.

5.3 *Discuss sample locations and provide rationale for their locations.*

On 17 August 2006, soil samples were collected from four (4) test trenches excavated within the initial release area. Excavation of test trenches was to a maximum depth of 4-feet bgs at T-1 and T-3, 12-feet bgs at T-2 and 6-feet bgs at T-4. Test trench samples were collected at near surface (i.e., 3-inches), 2-feet bgs and 2-foot intervals thereafter for total depth of trench (reference *Figure 3*).

On 11 October, 2006, soil borings SB-1 and SB-2 were advanced near the location of test trenches T-1 and T-2. Soil samples were collected from SB-1 at 15-, 20-, 25- and 30-feet bgs. Soil samples were collected from SB-2 at 5-, 10- and 15-feet bgs. Soil boring location was chosen to delineate the vertical extent of impacts within the release area (reference *Figure 4*).

On April 23 and 26, 2007, soil samples were collected from the tank battery excavation sidewalls and floors. Based on laboratory analytical data indicating excessive TPH and chloride concentrations, remediation activities continued on the south sidewall. Soil samples were collected on May 7, 2007 from the south sidewalls (for final sample locations reference *Figure 6*).

Soil samples were collected on April 30 2007, from the pasture excavation sidewalls and floor. Based on laboratory analytical data indicating excessive TPH concentrations, remediation activities continued on the east sidewall. Soil samples were collected on May 4, 2007 from the east sidewall and the newly excavated portions along the north and south sidewalls (for final sample locations reference *Figure 7*).

Excavation soil sample locations were chosen to provide the best representative soil sample within the excavation sidewalls and floor.



6.0 ANALYTICAL RESULTS

6.1 *Describe the vertical and horizontal extent and magnitude of soil contamination.*

Laboratory analyses of soil samples collected on August 17, 2006 from test trenches T-1, T-2 and T-4 and October 11, 2006 from soil borings SB-1 and SB-2, indicated the bulk of impacted soil (i.e., TPH concentrations >1,000 mg/Kg) was limited to within 6-feet of ground surface. TPH concentrations in remaining sample locations (i.e., test trench T-3) and sample intervals were non-detectable (ND) at or above laboratory analytical method detection limits (MDL), with the exception of soil samples SB-1 (15') and SB-2 (12'). These samples indicated TPH concentrations were 334 and 115 mg/Kg, respectively. Reported BTEX constituent concentrations were below NMOCD remedial goals. Laboratory analyses of chloride concentrations were not performed during these sampling events (reference *Figure 4* and *Table 2*).

Laboratory analyses of final soil samples collected from the tank battery excavation sidewalls indicated TPH and BTEX constituent concentrations were ND at or above laboratory analytical MDL. TPH concentrations in soil samples collected from the excavation floor ranged from ND to 745 mg/Kg. Benzene concentrations in excavation floor soil samples ranged from ND to 0.193 mg/Kg. BTEX concentrations ranged from ND to 16.62 mg/Kg. Chloride concentrations ranged from ND to 288 mg/Kg (reference *Figure 6* and *Table 3*).

Laboratory analyses of final soil samples collected from the pasture excavation indicated TPH concentrations in the east, southeast and south sidewalls were less than 100 mg/Kg. TPH concentrations in the excavation floor ranged from ND to 109 mg/Kg. TPH concentrations in the north sidewall soil samples ranged from 159 to 853 mg/Kg. BTEX constituent concentrations in all sample locations was reported as ND at or above laboratory analytical MDL. Chloride concentrations ranged from 16 to 112 mg/Kg (reference *Figure 7* and *Table 4*).

6.2 *Is surface soil contamination present at the site (i.e., soil in the uppermost two feet that is visibly stained, contaminated at greater than 10 ppm (PID) or hydrocarbon saturated)?*

yes *no*

If yes, attach a site map identifying extent(s) of surface soil contamination.



7.0 DISCUSSION

7.1 *Discuss the risks associated with the remaining soil contamination:*

Hydrocarbon impacted soil was excavated and transported to Artesia Aeration and South Monument Landfarm for treatment. Laboratory analyses of groundwater samples collected on August 17, 2006 and July 25, 2007 from the water well located on the well pad indicated BTEX, chloride and sulfate concentrations were below NMWQCC groundwater standards. Based on soil sample field and laboratory analyses indicating TPH concentrations in the majority of soil sample locations as <100 mg/Kg and remaining TPH concentrations as <1,000 mg/Kg, low residual BTEX and chloride concentrations, sufficient depth to groundwater (i.e., 76.5-feet bgs) and plugging of the on-site water well (in accordance with New Mexico State Engineer regulations), groundwater should not be impacted from this release in the future.

7.2 *Discuss the risks associated with the impacted groundwater:* Laboratory analyses of groundwater samples collected on August 17, 2006 and July 25, 2007 indicate BTEX constituent, chloride, sulfate and PAH concentrations were within NMWQCC groundwater standards.

7.3 *Discuss other concerns not mentioned above:* On July 26, 2007, the on-site water well was plugged by Straub Corporation of Stanton, Texas in accordance with New Mexico State Engineer regulations for plugging and abandoning water wells.



8.0 CONCLUSIONS AND RECOMMENDATIONS

- 8.1 *Recommendation for the site:*
- Site Closure*
 - Additional Groundwater Monitoring*
 - Corrective Action*

- 8.2 *Base the recommendation above on Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993). Describe below how you applied the policy to support your recommendation. If closure is recommended, please summarize significant site investigative events and describe how site specific risk issues have been adequately addressed or minimized to acceptable low risk levels.*

Approximately 1,746-cubic yards of hydrocarbon impacted soil were excavated from the tank battery area (~1,800-square feet) and pasture area (~1,000-square feet) to a maximum depth of 14-feet bgs. With plugging and abandoning the on-site water well, adequate depth to groundwater and NMOCD approval of TPH, BTEX constituent and chloride concentrations represented in field and laboratory analyses of soil samples, groundwater should not be impacted from this release. Excavated, hydrocarbon impacted soil was transported to Artesia Aeration and South Monument Landfarm for treatment. The excavation was backfilled with clean soil and the pasture remediation area seeded with a blend suitable to the landowner.

- 8.3 *If additional groundwater monitoring is recommended, indicate the proposed monitoring schedule and frequency. Conduct quarterly monitoring until the NMOCD responds to this report.* Not Applicable
- 8.4 *If corrective action is recommended, provide a conceptual approach.*

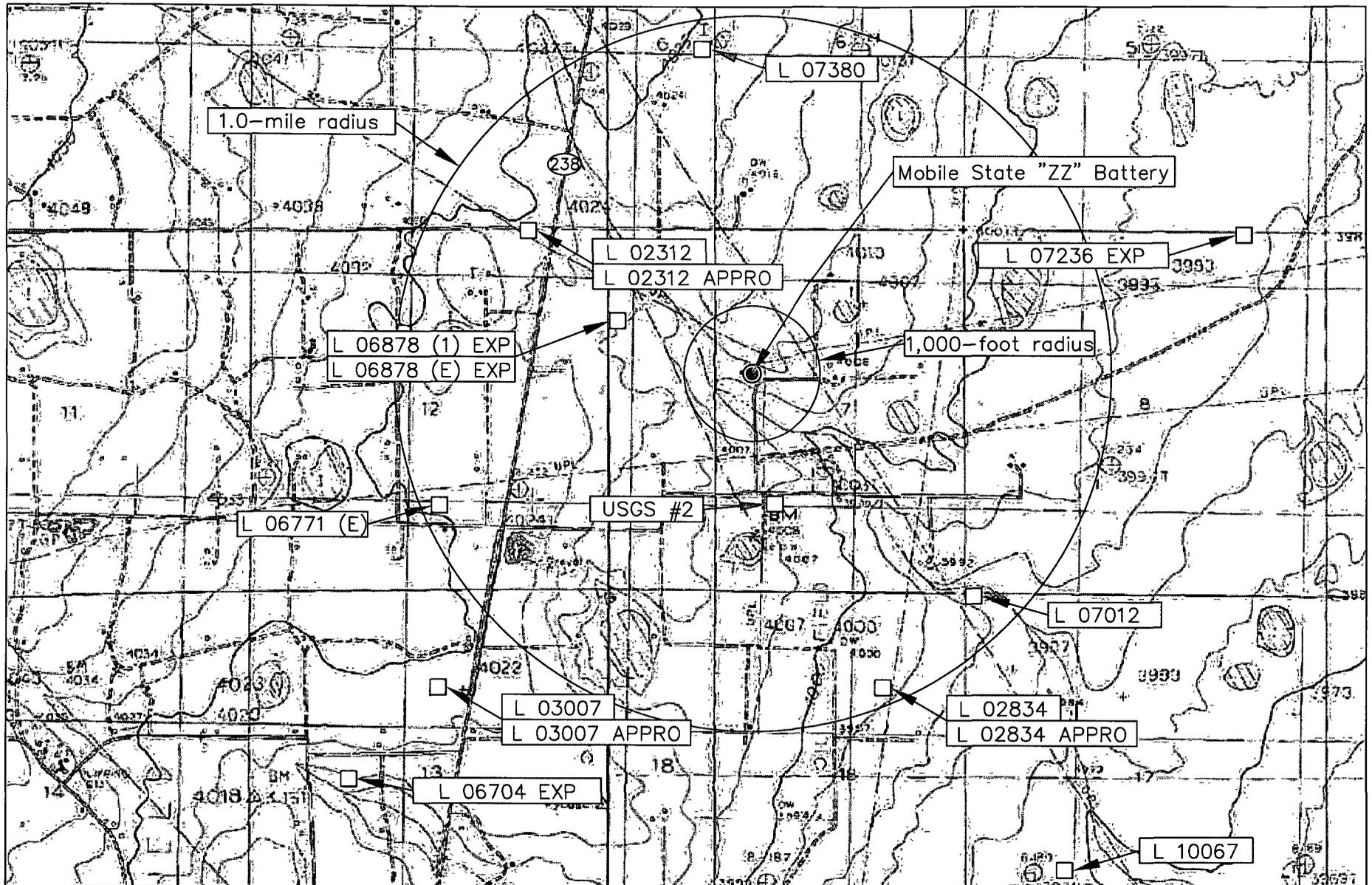
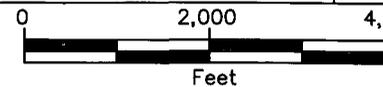


Figure 2
Site Location Map
Centurion Pipeline, L.P.
Mobile State ZZ Tank Battery

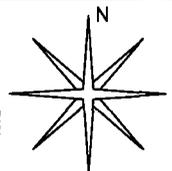
Lea County, New Mexico
SE 1/4 of the NW 1/4, Sec. 7, T17S, R35E
N 32° 51' 04.21" W 103° 29' 55.22"
Elevation: 4,007 feet amsl

DWG By: Daniel Dominguez
August 2006

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1 of 1



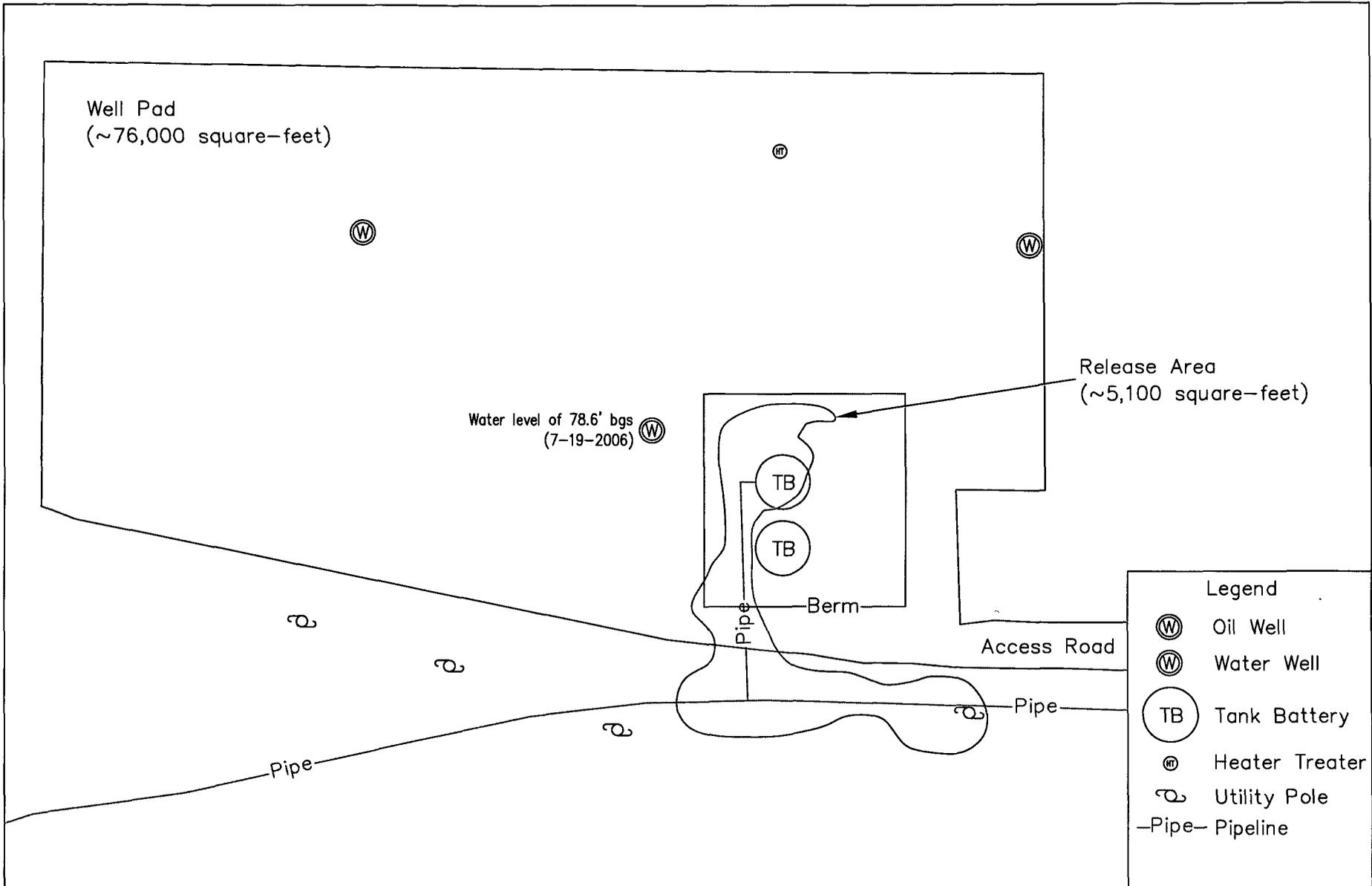
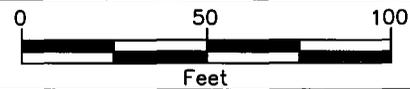


Figure 3
 Site Map
 Centurion Pipeline, L.P.
 Mobile State ZZ Tank Battery

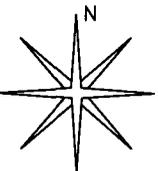
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 July 2006

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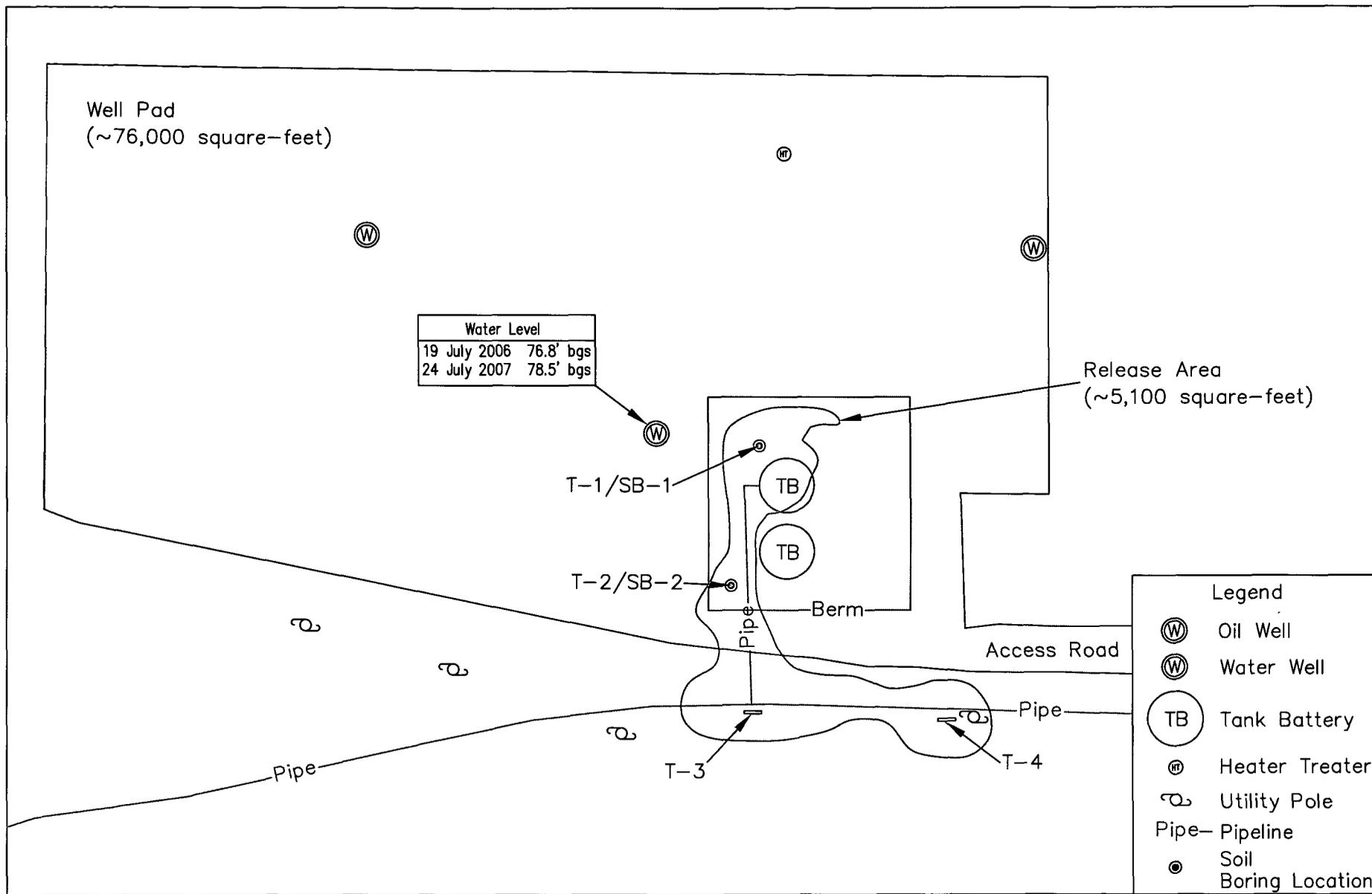


Figure 4
Test Trench/Soil Boring Location Map
Centurion Pipeline, L.P.
Mobile State ZZ Tank Battery

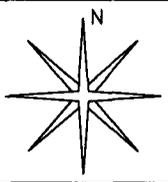
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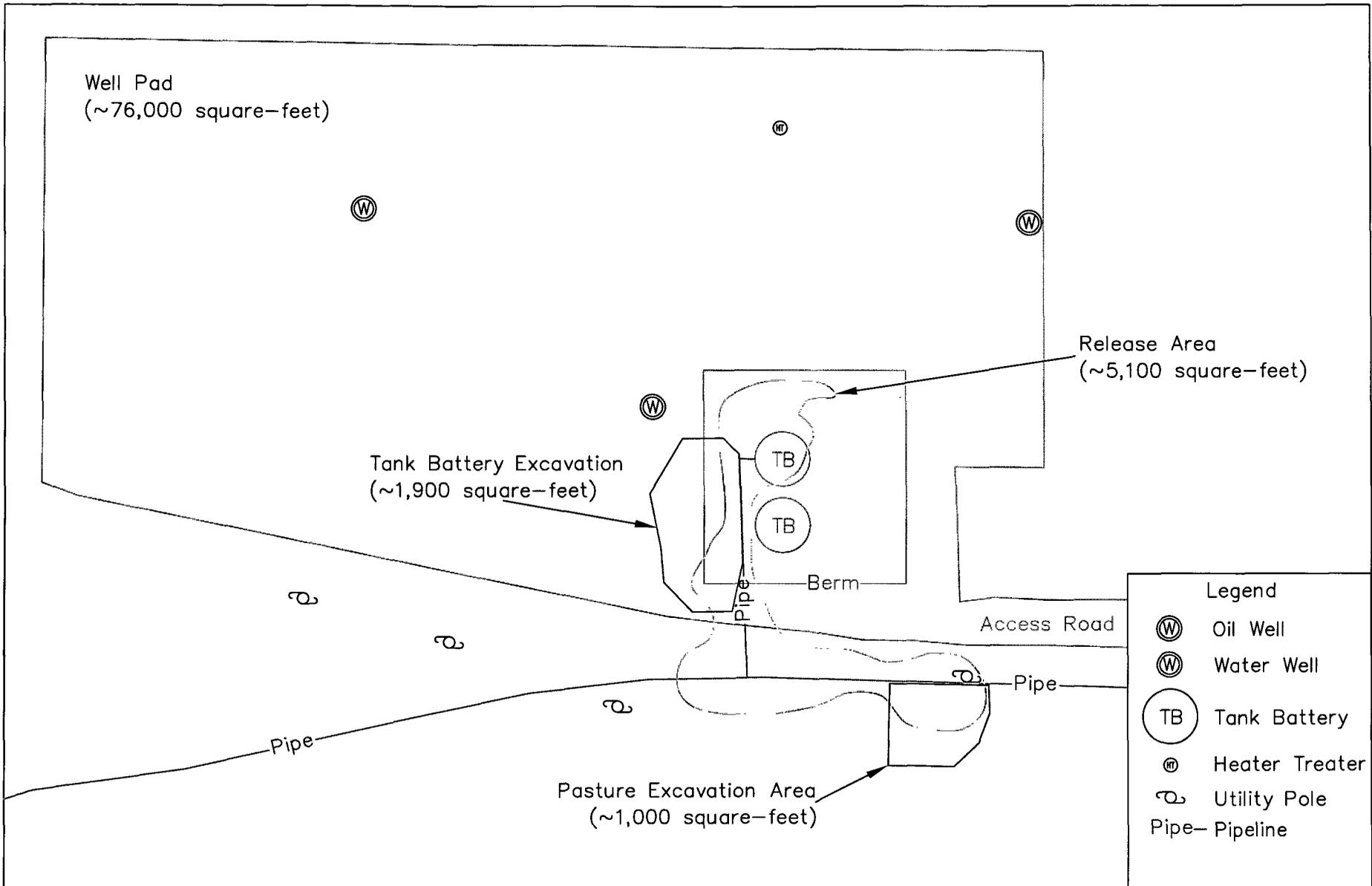
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0 50 100
Feet

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Legend

- Oil Well
- Water Well
- Tank Battery
- Heater Treater
- Utility Pole
- Pipe— Pipeline

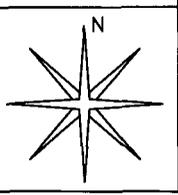
Figure 5
Excavation Map
Centurion Pipeline, L.P.
Mobile State ZZ Tank Battery

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DWG By: Jason Stegemoller
May 2007

0 50 100
Feet

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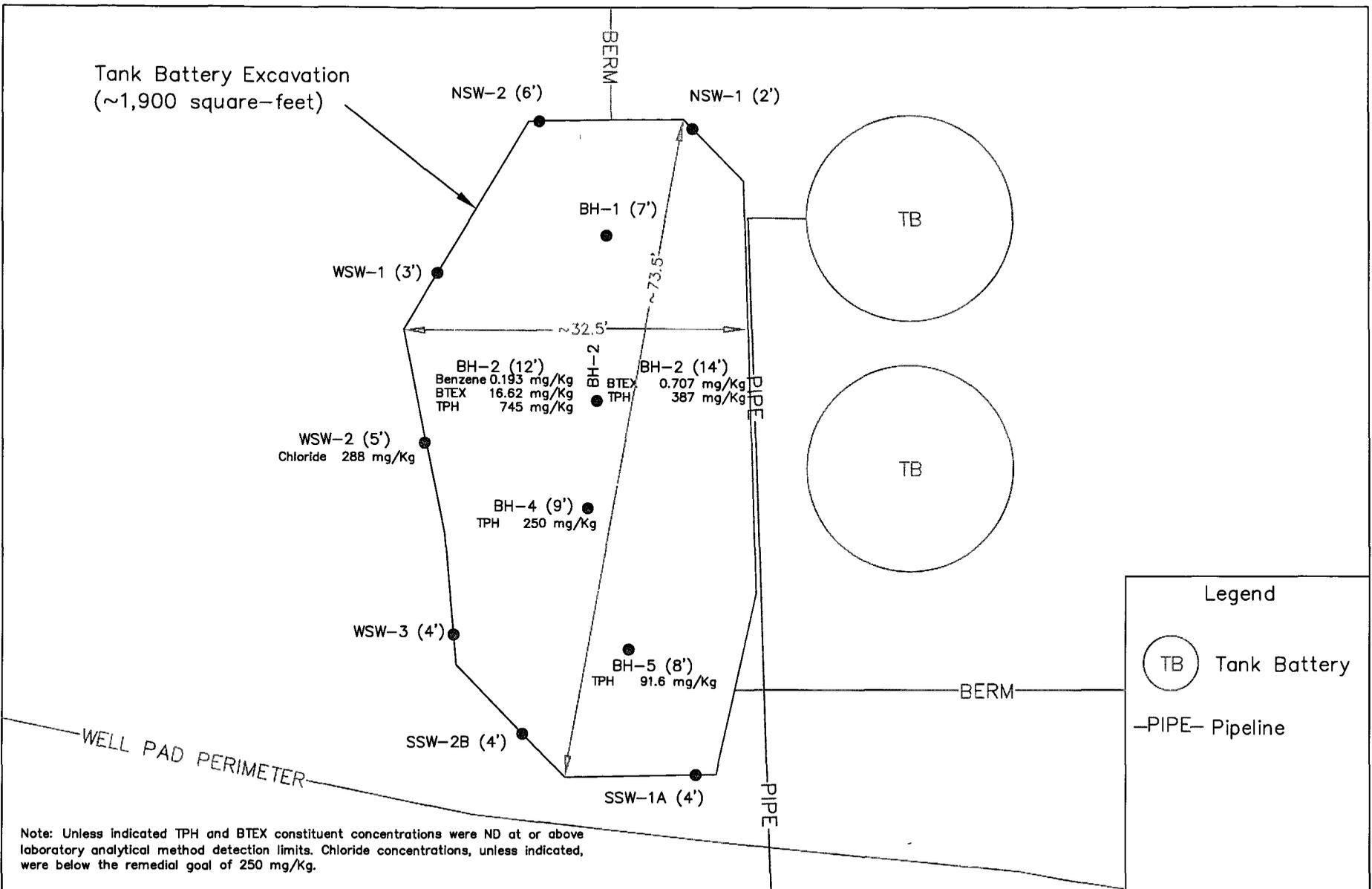
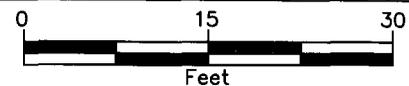


Figure 6
Tank Battery Excavation
Sample Location Map
Centurion Pipeline, L.P.
Mobile State ZZ Tank Battery

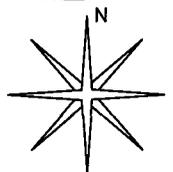
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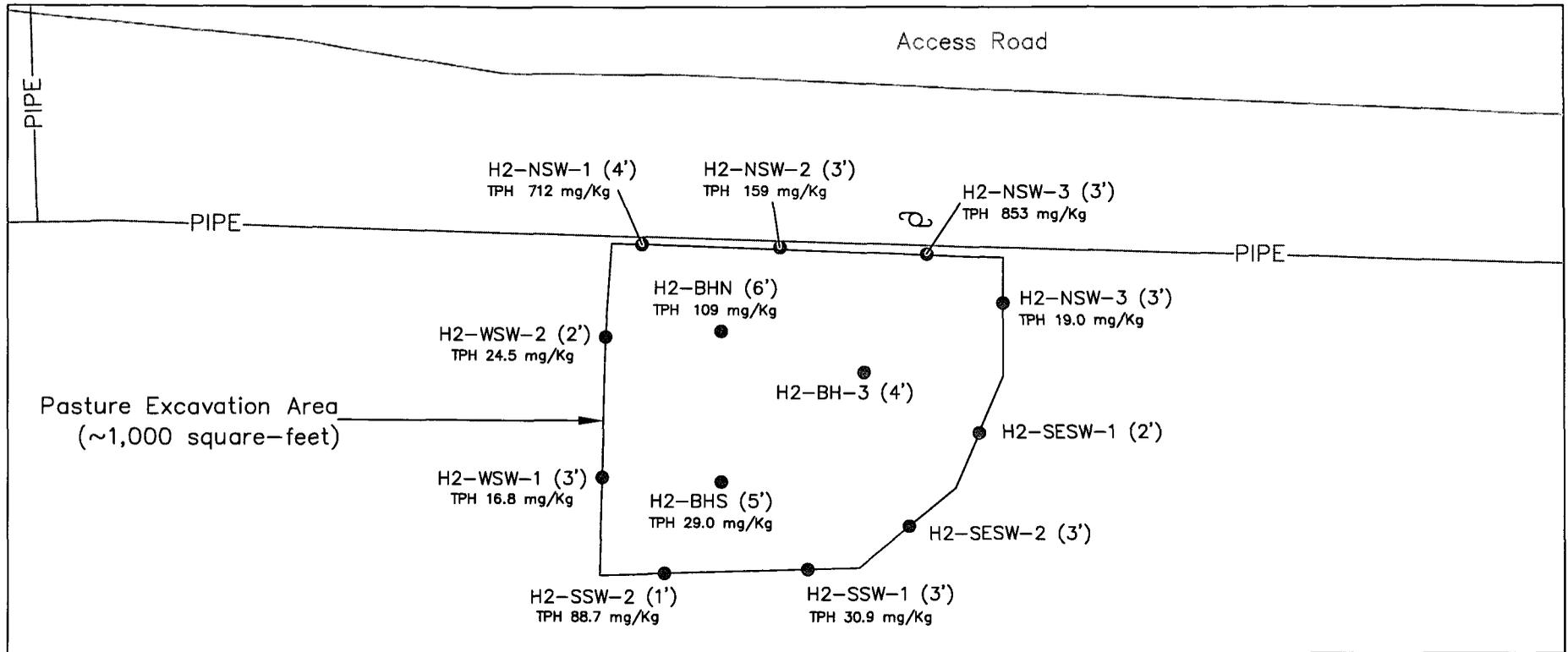
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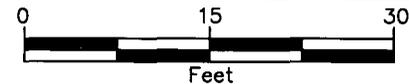
Note: Unless indicated TPH and BTEX constituent concentrations were ND at or above laboratory analytical method detection limits. Chloride concentrations, unless indicated, were below the remedial goal of 250 mg/Kg.

Figure 7
Pasture Excavation
Sample Location Map
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Mobile State ZZ Tank Battery

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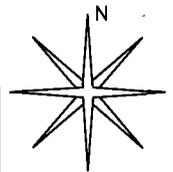


TABLE 1

WELL INFORMATION REPORT*

Centurion Pipeline, L.P. - Mobile State "ZZ" Tank Battery (Ref #255001)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
L 06878 (I) EXP	0	MOBIL TX&NM PROD	PRO	17S	35E	07 1 1	N 32° 51' 11.83"	W 103° 30' 18.14"	27-Nov-71	4,016	60
L 06878 (E) EXP	0	CACTUS DRILLING CORPORATION	PRO	17S	35E	07 1 1	N 32° 51' 11.83"	W 103° 30' 18.14"		4,016	
L 07236 EXP	0	J D. OLIVER	DOM	17S	35E	05 4 4 3	N 32° 51' 24.23"	W 103° 28' 30.97"		3,996	
L 07380	0	MCVAY DRILLING CO	PRO	17S	35E	06 3 4 3	N 32° 51' 51.02"	W 103° 30' 3.67"	10-May-75	4,023	80
L 07012	0	PATTERSON DRILLING	PRO	17S	35E	08 3 3 2	N 32° 50' 32.37"	W 103° 29' 17.17"		3,994	
L 10067	3	MOBIL PRODUCING TX & NM	PRO	17S	35E	17 3 2 1	N 32° 49' 53.07"	W 103° 29' 1.62"	23-Mar-89	3,980	55
L 02834	3	S.P. YATES DRILLING CO	PRO	17S	35E	18 2 2	N 32° 50' 19.32"	W 103° 29' 32.62"	27-Mar-55	3,996	40
L 02834 APPRO				17S	35E	18 2 2	N 32° 50' 19.32"	W 103° 29' 32.62"	27-Mar-55	3,996	40
L 02312	3	WARREN & BRADSHAW, ATTENTION	PRO	17S	34E	01 4 4	N 32° 51' 24.81"	W 103° 30' 33.59"	05-Aug-53	4,028	71
L 02312 APPRO				17S	34E	01 4 4	N 32° 51' 24.81"	W 103° 30' 33.59"	05-Aug-53	4,028	71
L 06771 (E)	0	CACTUS DRILLING CORPORATION	PRO	17S	34E	12 4 1 1	N 32° 50' 45.41"	W 103° 30' 49"	28-Feb-71	4,024	86
L 03007	3	DONNELLY DRILLING CO.	PRO	17S	34E	13 2 1	N 32° 50' 19.21"	W 103° 30' 49"	26-Oct-55	4,024	70
L 03007 APPRO				17S	34E	13 2 1	N 32° 50' 19.21"	W 103° 30' 49"	26-Oct-55	4,024	70
L 06704 EXP	0	NOBLE DRILLING CORP.	PRO	17S	34E	13 1 4 4	N 32° 50' 6.04"	W 103° 31' 4.44"		4,015	
USGS #2				17S	35E	7 3 4 2			09-Feb-96		78.4
USGS #1				17S	34E	13 4 3 3			20-Feb-76		82.2
L 06357	207.8	REPUBLIC FACTORS INC. OF MIDLAND	COM	17S	35E	06 1 1 1	N 32° 52' 4.18"	W 103° 30' 18.2"		4,031	
L 06240	0	A. W. INC. THOMPSON	PRO	17S	34E	13 4 3	N 32° 49' 39.94"	W 103° 30' 49.02"		4,016	

* = 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 = Interpolated from USGS Topographical Map

PRO = Prospecting or development of a natural resource

DOM = 72-12-1 Domestic one household

COM = Commercial

(quarters are 1=NW, 2=NE, 3=SW, 4=SE)

(quarters are biggest to smallest - X Y are in Feet - UTM are in Meters)

Shaded well information indicates well location not shown on Figure 2

TABLE 2

Summary of Tank Battery Excavation Soil Sample Analytical Results

Centurion Pipeline - Mobil State ZZ Tank Battery (Ref. #255001)

Sample Location	Sample ID	Depth (feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C-28 (mg/Kg)	TPH C6-C28 (mg/Kg)	Chloride (mg/Kg)
Trench 1 (T1)/ Soil Boring 1 (SB-1)	T1-3"	0.25	8/17/2006	Excavated	46.0	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	640	640	--
	T1-2'	2	8/17/2006	Excavated	1.00	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T-4'	4	8/17/2006	Excavated	896	--	<0.005	<0.005	<0.005	<0.015	<0.030	34.8	402	437	--
	Refusal	5	8/17/2006	Excavated	--	--	--	--	--	--	--	--	--	--	--
	SB-1 (15')	15	10/11/2006	In Situ	500	--	<0.005	0.024	0.378	0.714	1.12	10.1	324	334	--
	SB-1 (20')	20	10/11/2006	In Situ	19.4	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	27	27	--
	SB-1 (25')	25	10/11/2006	In Situ	4.80	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	SB-1 (30')	30	10/11/2006	In Situ	0.05	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
Trench 2 (T2)/ Soil Boring 2 (SB-2)	T2-3"	0.25	8/17/2006	Excavated	3.00	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	17.7	17.7	--
	T2-2'	2	8/17/2006	Excavated	1,485	--	<0.005	<0.005	<0.005	<0.015	<0.030	312	716	1,028	--
	T2-4'	4	8/17/2006	Excavated	3,355	--	<0.005	<0.005	<0.005	<0.015	<0.030	2,550	3,880	6,430	--
	SB-2 (5')	5	10/11/2006	Excavated	38.9	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T2-6'	6	8/17/2006	Excavated	3,445	--	<0.005	<0.005	<0.005	<0.015	<0.030	680	1,260	1,940	--
	T2-8'	8	8/17/2006	Excavated	234	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	47.1	47.1	--
	SB-2 (10')	10	10/11/2006	Excavated	8.9	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T2-10'	10	8/17/2006	In Situ	205	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T2-12'	12	8/17/2006	In Situ	188	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	115	115	--
SB-2 (15')	15	10/11/2006	In Situ	0.9	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--	
Trench 3 (T3)	T3-3"	0.25	8/17/2006	In Situ	18.0	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T3-2'	2	8/17/2006	In Situ	1.00	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T3-4'	4	8/17/2006	In Situ	1.00	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
Trench 4 (T4)	T4-3"	0.25	8/17/2006	Excavated	6.30	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	189	189	--
	T4-2'	2	8/17/2006	Excavated	183	--	<0.005	<0.005	<0.005	<0.015	<0.030	45.9	2,510	2,556	--
	T4-4'	4	8/17/2006	In Situ	1.90	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
	T4-6'	6	8/17/2006	In Situ	1.30	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<10.0	--
Berm	Berm-N-1'	1	8/17/2006	In Situ	9.20	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	218	218	--
	Berm-E-1'	1	8/17/2006	In Situ	1.90	--	--	--	--	--	--	73.9	90.5	164	--
	Berm-S-1'	1	8/17/2006	In Situ	11.0	--	0.022	0.282	0.010	2.71	715.00	258	100	358	--
	Berm-W-1'	1	8/17/2006	Excavated	14.0	--	--	--	--	--	--	<10.0	129	129	--
NMOCD Remedial Thresholds					100^A		10				50			100	250^B

Bolded values are in excess of the NMOCD Remediation Thresholds

-- Not Analyzed

Note Shaded cells indicate excavated areas

^A In lieu of laboratory analyses of benzene, toluene, ethylbenzene and total xylenes

^B Chloride residuals may not be capable of impacting local groundwater above the NMWQCC standard of 250 mg/L

^C Detected, but below the Reporting Limit, therefore, results is an estimated concentration

TABLE 3

Summary of Tank Battery Excavation Soil Sample Analytical Results**Centurion Pipeline - Mobil State ZZ Tank Battery (Ref. #255001)**

Sample ID	Depth (feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C-28 (mg/Kg)	TPH C6-C28 (mg/Kg)	Chloride (mg/Kg)
NSW-1 (2')	2	23-Apr-07	<i>In Situ</i>	5.5	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	48
NSW-2 (6')	6	23-Apr-07	<i>In Situ</i>	2.4	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	144
WSW-1 (3')	3	23-Apr-07	<i>In Situ</i>	7.6	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	208
WSW-2 (5')	5	23-Apr-07	<i>In Situ</i>	8.5	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	288
WSW-3 (4')	4	26-Apr-07	<i>In Situ</i>	1.9	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	<10.0	<10.0	192
BH-1 (7')	7	23-Apr-07	<i>In Situ</i>	4.6	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	112
BH-2 (12')	12	23-Apr-07	<i>In Situ</i>	5.2	--	0.193	3.32	11.8	1.31	16.62	131	614	745	112
BH-2 (14')	14	23-Apr-07	<i>In Situ</i>	7.8	--	<0.005	0.102	0.225	0.380	0.707	<10.0	387	387	112
BH-4 (9')	9	26-Apr-07	<i>In Situ</i>	8.6	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	250	250	128
BH-5 (8')	8	26-Apr-07	<i>In Situ</i>	13.1	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	91.6	91.6	80
SSW-1 (6')	6	26-Apr-07	<i>Excavated</i>	1,419	--	--	--	--	--	--	1,170	7,200	8,370	--
SSW-1A (7')	7	07-May-07	<i>In Situ</i>	2.2	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<10.0	<20.0	<16
SSW-2 (4')	4	26-Apr-07	<i>Excavated</i>	7.0	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	83.2	83.2	272
SSW-2B (4')	4	07-May-07	<i>In Situ</i>	1.5	--	<0.005	<0.005	<0.005	<0.015	<0.030	<10.0	<1000	<20.0	<16
NMOC Remedial Thresholds				100^A		10				50			100	250^B

Bolded values are in excess of the NMOC Remediation Thresholds

-- Not Analyzed

Note: Shaded cells indicate excavated areas

^A In lieu of laboratory analyses of benzene, toluene, ethylbenzene and total xylenes

^B Chloride residuals may not be capable of impacting local groundwater above the NMWQCC standard of 250 mg/L

^C Detected, but below the Reporting Limit, therefore, results is an estimated concentration

TABLE 4

Summary of Pasture Excavation Soil Sample Analytical Results

Centurion Pipeline - Mobil State ZZ Tank Battery (Ref. #255001)

Sample ID	Depth (feet)	Sample Date	Soil Status	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C-28 (mg/Kg)	TPH C6-C28 (mg/Kg)	Chloride (mg/Kg)
H2-BHN (6')	6	30-Apr-07	<i>In Situ</i>	1.1	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	109	109	32
H2-BHS (5')	5	30-Apr-07	<i>In Situ</i>	1.7	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	29.0	29.0	32
H2-BH-3 (4')	4	04-May-07	<i>In Situ</i>	4.7	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	<10.0	<20.0	64
H2-NSW-1 (4')	4	30-Apr-07	<i>In Situ</i>	4.5	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	712	712	48
H2-NSW-2 (2')	2	30-Apr-07	<i>In Situ</i>	2.1	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	159	159	112
H2-NSW-3 (3')	3	04-May-07	<i>In Situ</i>	58.6	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	853	853	80
H2-ESW-1(3')	3	30-Apr-07	<i>Excavated</i>	56.5	--	--	--	--	--	--	<10.0	4,130	4,130	--
H2-ESW-1B (3')	3	04-May-07	<i>In Situ</i>	2.7	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	19.0	19.0	48
H2-ESW-2 (1')	1	30-Apr-07	<i>Excavated</i>	7.2	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	300	300	32
H2-SESW-1 (2')	2	04-May-07	<i>In Situ</i>	3.6	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	<10.0	<20.0	32
H2-SESW-2 (3')	3	04-May-07	<i>In Situ</i>	5.1	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	<10.0	<20.0	48
H2-SSW-1 (3')	3	30-Apr-07	<i>In Situ</i>	1.5	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	30.9	30.9	64
H2-SSW-2 (1')	1	30-Apr-07	<i>In Situ</i>	3.2	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	88.7	88.7	64
H2-WSW-1 (3')	3	30-Apr-07	<i>In Situ</i>	1.0	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	16.8	16.8	64
H2-WSW-2 (2')	2	30-Apr-07	<i>In Situ</i>	0.9	--	<0.002	<0.002	<0.002	<0.006	<0.012	<10.0	24.5	24.5	16
NMOCD Remedial Thresholds				100^A		10				50			100	250^B

Bolded values are in excess of the NMOCD Remediation Thresholds

-- Not Analyzed

Note Shaded cells indicate excavated areas

^A In lieu of laboratory analyses of benzene, toluene, ethylbenzene and total xylenes

^B Chloride residuals may not be capable of impacting local groundwater above the NMWQCC standard of 250 mg/L

^C Detected, but below the Reporting Limit, therefore, results is an estimated concentration

TABLE 5

Summary of Groundwater Analytical Results**Centurion Pipeline - Mobil State ZZ Tank Battery (Ref. #255001)**

Analytical parameter	Sample Date		NMWQCC Groundwater Standard
	17-Aug-06	24-Jul-07	
Benzene (mg/L)	<0.002	<0.002	0.010
Toluene (mg/L)	<0.002	<0.002	0.750
Ehtylbenzene (mg/L)	<0.002	<0.002	0.750
m,p-o Xylene (mg/L)	<0.006	<0.006	0.620
Chloride (mg/L)	96	52	250
Sulfate (mg/L)	--	67	600
Acenaphthene (ug/L)	--	<2	
Acenaphthylene (ug/L)	--	<2	
Anthracene (ug/L)	--	<2	
Benzo(a)anthracene (ug/L)	--	<2	
Benzo(a)pyrene (ug/L)	--	<2	0.7
Benzo(b)fluoranthene (ug/L)	--	<2	
Benzo(g,h,i)perylene (ug/L)	--	<2	
Benzo(j,k)fluoranthene (ug/L)	--	<2	
Chrysene (ug/L)	--	<2	
Dibenz(a,h)anthracene (ug/L)	--	<2	
Fluoranthene (ug/L)	--	<2	
Fluorene (ug/L)	--	<2	
Indenol(1,2,3-cd)pyrene (ug/L)	--	<2	
1-Methylnapthlene (ug/L)	--	<2	30
2-Methylnapthlene (ug/L)	--	<2	
Naphthalene (ug/L)	--	<2	
Phenanthrene (ug/L)	--	<2	
Pyrene (ug/L)	--	<2	



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.**

ATTN: PAT McCASLAND
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505)394-0201

Receiving Date: 08/17/06
Reporting Date: 08/21/06
Project Owner: CENTURION PIPELINE, L.P. (#255001)
Project Name: MOBIL STATE ZZ TANK BATTERY
Project Location: NOT GIVEN

Sampling Date: 08/17/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		08/18/06	08/18/06	08/18/06	08/18/06	08/18/06	08/18/06
H11453-1	T1-3"	<10.0	640	<0.005	<0.005	<0.005	<0.015
H11453-2	T1-2'	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11453-3	T1-4'	34.8	402	0.059	5.59	8.69	24.8
H11453-4	T2-3"	<10.0	17.7	<0.005	<0.005	<0.005	<0.015
H11453-5	T2-2'	312	716	0.610	11.9	18.2	44.4
H11453-6	T2-4'	2550	3880	14.4	183	169	144
H11453-7	T2-6'	680	1260	0.910	41.6	64.8	51.8
H11453-8	T2-8'	<10.0	47.1	0.016	0.120	0.094	0.097
H11453-9	T2-10'	<10.0	<10.0	0.012	0.012	<0.005	<0.015
H11453-10	T2-12'	<10.0	115	0.027	0.369	0.691	0.699
H11453-11	T3-3"	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11453-12	T3-2'	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11453-13	T3-4'	<10.0	<10.0	<0.005	0.017	0.016	0.019
H11453-14	T4-3"	<10.0	189	0.039	0.273	0.183	0.215
H11453-15	T4-2'	45.9	2510	0.013	0.207	0.293	0.726
H11453-16	T4-4'	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11453-17	T4-6'	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11453-18	BERM-N-1'	<10.0	218	<0.005	<0.005	0.009	<0.015
H11453-19	BERM-E-1'	<10.0	90.5	<0.005	<0.005	<0.005	<0.015
H11453-20	BERM-S-1'	<10.0	99.5	<0.005	<0.005	<0.005	<0.015
H11453-21	BERM-W-1'	<10.0	129	<0.005	0.019	0.015	0.019
Quality Control		754	771	0.100	0.098	0.099	0.299
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		94.2	96.3	100	97.9	98.7	99.6
Relative Percent Difference		0.7	3.4	3.0	6.3	1.7	0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J.A. Cooke, Ph. D.

Date

H11453A

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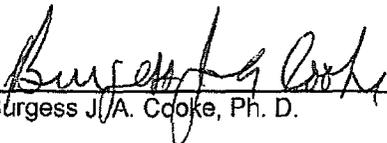
ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: PAT McCASLAND
 P.O. BOX 1558
 EUNICE, NM 88231
 FAX TO: (505)394-0201

Receiving Date: 08/17/06
 Reporting Date: 08/21/06
 Project Owner: CENTURION PIPELINE, L.P. (#255001)
 Project Name: MOBIL STATE ZZ TANK BATTERY
 Project Location: NOT GIVEN

Sampling Date: 08/17/06
 Sample Type: GROUNDWATER
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC/AB

LAB NO.	SAMPLE ID	Cl ⁻ (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE:		08/18/06	08/21/06	08/21/06	08/21/06	08/21/06
H11453-22	WW-1	96	<0.002	<0.002	<0.002	<0.006
Quality Control		980	0.094	0.104	0.103	0.302
True Value QC		1000	0.100	0.100	0.100	0.300
% Recovery		98.0	93.6	104	103	101
Relative Percent Difference		2.0	7.4	5.6	4.5	0.9

METHODS: Cl⁻ - Std. Methods 4500-Cl⁻B; BTEX - EPA SW-846-8020


 Burgess J.A. Cooke, Ph. D.

8/21/06
 Date

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PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

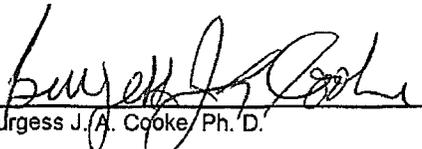
ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: PAT McCASLAND
 P.O. BOX 1558
 EUNICE, NM 88231
 FAX TO: (505) 394-2601

Receiving Date: 10/12/06
 Reporting Date: 10/17/06
 Project Owner: CENTURION PIPELINE, L.P. (#255001)
 Project Name: MOBIL STATE ZZ TANK BATTERY
 Project Location: NOT GIVEN

Sampling Date: 10/11/06
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: BC
 Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		10/14/06	10/14/06	10/16/06	10/16/06	10/16/06	10/16/06
H11653-1	SB-1 (15')	10.1	324	<0.005	0.024	0.378	0.714
H11653-2	SB-1 (20')	<10.0	27.3	<0.005	<0.005	<0.005	<0.015
H11653-3	SB-1 (25')	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11653-4	SB-1 (30')	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11653-5	SB-2 (5')	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11653-6	SB-2 (10')	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11653-7	SB-2 (15')	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		776	741	0.100	0.101	0.102	0.294
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		97.0	92.6	100	101	102	98.0
Relative Percent Difference		1.4	6.9	4.0	1.0	0.3	0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.


 Burgess J. A. Cooke, Ph. D.

10/17/06
 Date

H11653

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Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231
 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

Pg. 1 of 1
 Lab: Cardinal

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST									
EPI Project Manager		Jason Stegemoller		 Attn: Jason Stegemoller 2100 Avenue O/P.O. Box 1558 Eunice, New Mexico 88231													
Mailing Address		P.O. BOX 1558															
City, State, Zip		Eunice New Mexico 88231															
EPI Phone#/Fax#		505-394-3481 / 505-394-2601															
Client Company		Centurion Pipeline															
Facility Name		Mobil State ZZ Tank Btry															
Location		UL-F, Sect. 7, T 17 S, R 35 E															
Project Reference		255001															
EPI Sampler Name		David Robinson															

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		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	OTHER	DATE	TIME									
H12551 - 1	H2-NSW-3 (3')	G	1			1					X		04-May-07	13:00	X	X	X						
- 2	H2-ESW-1B (3')	G	1			1					X		04-May-07	13:01	X	X	X						
- 3	H2-SESW-1 (2')	G	1			1					X		04-May-07	13:02	X	X	X						
- 4	H2-SESW-2 (3')	G	1			1					X		04-May-07	13:03	X	X	X						
- 5	H2-BH-3 (4')	G	1			1					X		04-May-07	13:04	X	X	X						
6																							
7																							
8																							
9																							
10																							

Sampler Relinquished:		Date	Received By:		E-mail results to: jstegemoller@envplus.net REMARKS: Analyze TPH first, if over 1,000 mg/Kg disregard quantification of remaining analytes. Please email results ASAP.
Relinquished by:		Date	Received By: (lab staff)		
Delivered by:		Time	Checked By:		
		5/7/07	[Signature]		
		2:10	[Signature]		
			Sample Cool & Intact		
			<input checked="" type="radio"/> Yes <input type="radio"/> No		



ARDINAL LABORATORIES

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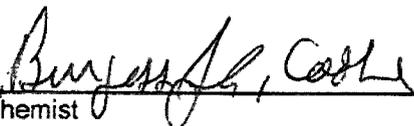
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 04/24/07
Reporting Date: 04/25/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/23/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		04/24/07	04/24/07	04/24/07	04/24/07
H12506-1	NSW-1 (2')	<0.005	<0.005	<0.005	<0.015
H12506-2	NSW-2 (6')	<0.005	<0.005	<0.005	<0.015
H12506-3	WSW-1 (3')	<0.005	<0.005	<0.005	<0.015
H12506-4	WSW-2 (5')	<0.005	<0.005	<0.005	<0.015
H12506-5	BH-1 (7')	<0.005	<0.005	<0.005	<0.015
H12506-6	BH-2 (12')	0.193	3.32	11.8	1.31
H12506-7	BH-2 (14')	<0.005	0.102	0.225	0.380
Quality Control		0.103	0.109	0.103	0.296
True Value QC		0.100	0.100	0.100	0.300
% Recovery		103.0	109	103	98.6
Relative Percent Difference		0.7	4.0	1.1	1.0

METHOD: EPA SW-846 8260


Chemist


Date

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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 04/24/07

Reporting Date: 04/25/07

Project Owner: CENTURION PIPELINE (255001)

Project Name: MOBIL STATE ZZ TANK BTRY

Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/23/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

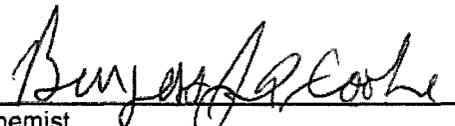
Sample Received By: BC

Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		04/24/07	04/24/07	04/25/07
H12506-1	NSW-1 (2')	<10.0	<10.0	48
H12506-2	NSW-2 (6')	<10.0	<10.0	144
H12506-3	WSW-1 (3')	<10.0	<10.0	208
H12506-4	WSW-2 (5')	<10.0	<10.0	288
H12506-5	BH-1 (7')	<10.0	<10.0	112
H12506-6	BH-2 (12')	131	614	112
H12506-7	BH-2 (14')	<10.0	387	112
Quality Control		780	785	480
True Value QC		800	800	500
% Recovery		98.1	98.1	96.0
Relative Percent Difference		0.5	0.7	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist

4/25/07
Date

H12506A EPI

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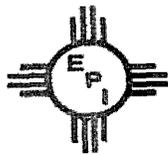
Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231
 (505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Pg. 1 of 1
 Lab: Cardinal

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST									
EPI Project Manager		Jason Stegemoller		 <p>Attn: Jason Stegemoller 2100 Avenue O/P.O. Box 1558 Eunice, New Mexico 88231</p>													
Mailing Address		P.O. BOX 1558															
City, State, Zip		Eunice New Mexico 88231															
EPI Phone#/Fax#		505-394-3481 / 505-394-2601															
Client Company		Centurion Pipeline															
Facility Name		Mobil State ZZ Tank Btry															
Location		UL-F, Sect. 7, T 17 S, R 35 E															
Project Reference		255001															
EPI Sampler Name		David Robinson															

LAB I.D.	SAMPLE I.D.	(GRAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		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	OTHER	DATE	TIME									
H#2506 - 1	NSW-1 (2')	G	1			1					X		23-Apr-07	12:15	X	X	X						
- 2	NSW-2 (6')	G	1			1					X		23-Apr-07	12:16	X	X	X						
- 3	WSW-1 (3')	G	1			1					X		23-Apr-07	12:17	X	X	X						
- 4	WSW-2 (5')	G	1			1					X		23-Apr-07	12:18	X	X	X						
- 5	BH-1 (7')	G	1			1					X		23-Apr-07	12:19	X	X	X						
- 6	BH-2 (12')	G	1			1					X		23-Apr-07	14:30	X	X	X						
7	BH-2 (14')	G	1			1					X		23-Apr-07	14:32	X	X	X						
8																							
9																							
10																							

Sampler Relinquished:		Date: 4-23-07	Received By:	E-mail results to: jstegemoller@envplus.net	
<i>David Robinson</i>		Time: 11:04 A	<i>Jason Stegemoller</i>	REMARKS: Analyze TPH first, if over 1,000 mg/Kg disregard quantification of remaining analytes. Please email results ASAP.	
Relinquished by:		Date: 4-24-07	Received By: (lab staff)		
<i>Jason Stegemoller</i>		Time: 11:04 A	<i>Bryan L. Cook</i>		
Delivered by:		Sample Cool & Intact		Checked By:	
<i>Jason Boone</i>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			



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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

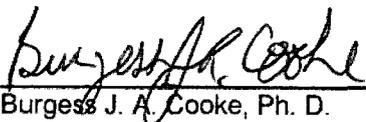
Receiving Date: 04/30/07
Reporting Date: 05/03/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/26/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: HM/LB

LAB NO.	SAMPLE ID	Cl ⁻ (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		05/02/07	05/03/07	05/03/07	05/03/07	05/03/07
H12528-1	BH-4 (9')	128	<0.002	<0.002	<0.002	<0.006
H12528-2	BH-5 (8')	80	<0.002	<0.002	<0.002	<0.006
H12528-4	SSW-2 (4')	272	<0.002	<0.002	<0.002	<0.006
H12528-5	WSW-3 (4')	192	<0.002	<0.002	<0.002	<0.006
Quality Control		500	0.098	0.098	0.098	0.301
True Value QC		500	0.100	0.100	0.100	0.300
% Recovery		100	98.1	98.4	98.7	100.3
Relative Percent Difference		<0.1	3.0	4.5	5.2	5.1

*Analyses performed on 1:4 aqueous extracts.

METHODS: Cl⁻ - Std. Methods 4500-Cl⁻B; BTEX - EPA SW-846 8021 B


Burgess J. A. Cooke, Ph. D.


Date

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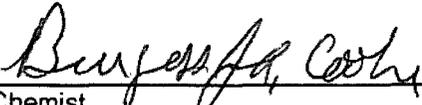
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

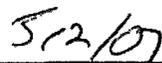
Receiving Date: 04/30/07
Reporting Date: 05/02/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/26/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)
ANALYSIS DATE:		05/01/07	05/01/07
H12528-1	BH-4 (9')	<10.0	250
H12528-2	BH-5 (8')	<10.0	91.6
H12528-3	SSW-1 (6')	1170	7200
H12528-4	SSW-2 (4')	<10.0	83.2
H12528-5	WSW-3 (4')	<10.0	<10.0
Quality Control		794	800
True Value QC		800	800
% Recovery		99.3	100
Relative Percent Difference		1.9	2.9

METHOD: SW-846 8015 M


Chemist


Date

H12528A EPI

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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

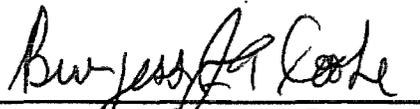
Receiving Date: 04/30/07
Reporting Date: 05/03/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/30/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: HM/LB

LAB NO.	SAMPLE ID	Cl ⁻ (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		05/02/07	05/03/07	05/03/07	05/03/07	05/03/07
H12529-1	H2 BHN (6')	32	<0.002	<0.002	<0.002	<0.006
H12529-2	H2 BHS (5')	32	<0.002	<0.002	<0.002	<0.006
H12529-3	H2 NSW-1 (4')	48	<0.002	<0.002	<0.002	<0.006
H12529-4	H2 NSW-2 (2')	112	<0.002	<0.002	<0.002	<0.006
H12529-6	H2 ESW-2 (1')	32	<0.002	<0.002	<0.002	<0.006
H12529-7	H2 SSW-1 (3')	64	<0.002	<0.002	<0.002	<0.006
H12529-8	H2 SSW-2 (1')	64	<0.002	<0.002	<0.002	<0.006
H12529-9	H2 WSW-1 (3')	64	<0.002	<0.002	<0.002	<0.006
H12529-10	H2 WSW-2 (2')	16	<0.002	<0.002	<0.002	<0.006
Quality Control		500	0.098	0.098	0.098	0.301
True Value QC		500	0.100	0.100	0.100	0.300
% Recovery		100	98.1	98.4	98.7	100.3
Relative Percent Difference		<0.1	3.0	4.5	5.2	5.1

*Analyses performed on 1:4 aqueous extracts.

METHODS: Cl⁻ - Std. Methods 4500-Cl⁻B; BTEX - EPA SW-846 8021 B


Burgess A. Cooke, Ph. D.

5/3/07

Date

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LABORATORIES**

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ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 04/30/07

Reporting Date: 05/02/07

Project Owner: CENTURION PIPELINE (255001)

Project Name: MOBIL STATE ZZ TANK BTRY

Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 04/30/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)
ANALYSIS DATE:		05/01/07	05/01/07
H12529-1	H2 BHN (6')	<10.0	109
H12529-2	H2 BHS (5')	<10.0	29.0
H12529-3	H2 NSW-1 (4')	<10.0	712
H12529-4	H2 NSW-2 (2')	<10.0	159
H12529-5	H2 ESW-1 (3')	<10.0	4130
H12529-6	H2 ESW-2 (1')	<10.0	300
H12529-7	H2 SSW-1 (3')	<10.0	30.9
H12529-8	H2 SSW-2 (1')	<10.0	88.7
H12529-9	H2 WSW-1 (3')	<10.0	16.8
H12529-10	H2 WSW-2 (2')	<10.0	24.5
Quality Control		794	800
True Value QC		800	800
% Recovery		99.3	100
Relative Percent Difference		1.9	2.9

METHOD: SW-846 8015 M


Chemist

5/2/07
Date

H12529A EPI

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



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

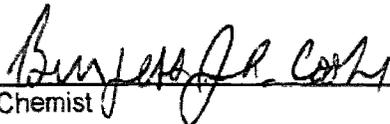
Receiving Date: 05/07/07
Reporting Date: 05/09/07
Project Number: 255001
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

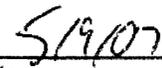
Sampling Date: 05/04/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		05/08/07	05/08/07	05/07/07
H12551-1	H2-NSW-3 (3')	<10.0	853	80
H12551-2	H2-ESW-1B (3')	<10.0	19.0	48
H12551-3	H2-SESW-1 (2')	<10.0	<10.0	32
H12551-4	H2-SESW-2 (3')	<10.0	<10.0	48
H12551-5	H2-BH-3 (4')	<10.0	<10.0	64
Quality Control		749	789	500
True Value QC		800	800	500
% Recovery		93.6	98.6	100
Relative Percent Difference		8.8	1.9	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H12551A EPI

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



**ARDINAL
LABORATORIES**

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PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

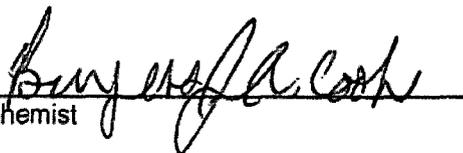
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

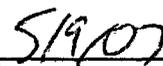
Receiving Date: 05/07/07
Reporting Date: 05/09/07
Project Number: 255001
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F, SECT. 7, T 17 S, R 35 E

Sampling Date: 05/04/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: AB
Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		05/08/07	05/08/07	05/08/07	05/08/07
H12551-1	H2-NSW-3 (3')	<0.002	<0.002	<0.002	<0.006
H12551-2	H2-ESW-1B (3')	<0.002	<0.002	<0.002	<0.006
H12551-3	H2-SESW-1 (2')	<0.002	<0.002	<0.002	<0.006
H12551-4	H2-SESW-2 (3')	<0.002	<0.002	<0.002	<0.006
H12551-5	H2-BH-3 (4')	<0.002	<0.002	<0.002	<0.006
Quality Control		0.098	0.104	0.103	0.315
True Value QC		0.100	0.100	0.100	0.300
% Recovery		98.7	104	103	105
Relative Percent Difference		7.8	7.9	7.6	7.0

METHOD: EPA SW-846 8021B


Chemist


Date



ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC,
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

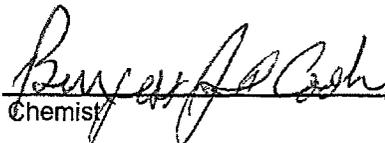
Receiving Date: 05/08/07
Reporting Date: 05/09/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F SECT. 7, T 17 S, R 35 E

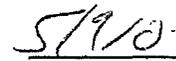
Sampling Date: 05/07/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/AB

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		05/08/07	05/08/07	05/08/07
H12569-1	SSW-1A (7')	<10.0	<10.0	<16
H12554-2	SSW-2B (4')	<10.0	<10.0	<16
Quality Control		779	791	500
True Value QC		800	800	500
% Recovery		98.8	97.4	100
Relative Percent Difference		0.9	1.8	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-Cl'B

*Analyses performed on 1:4 w:v aqueous extracts.


Chemist


Date

H12569A EPI

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



**ARDINAL
LABORATORIES**

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PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

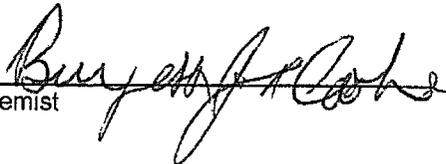
ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC,
ATTN: JASON STEGEMOLLER
P.O. BOX 1558
EUNICE, NM 88231
FAX TO: (505) 394-2601

Receiving Date: 05/08/07
Reporting Date: 05/11/07
Project Owner: CENTURION PIPELINE (255001)
Project Name: MOBIL STATE ZZ TANK BTRY
Project Location: UL-F SECT. 7, T 17 S, R 35 E

Sampling Date: 05/07/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE		05/10/07	05/10/07	05/10/07	05/10/07
H12569-1	SSW-1A (7')	<0.005	<0.005	<0.005	<0.015
H12569-2	SSW-2B (4')	<0.005	<0.005	<0.005	<0.015
Quality Control		0.103	0.100	0.097	0.278
True Value QC		0.100	0.100	0.100	0.300
% Recovery		103	100	97.4	92.6
Relative Percent Difference		0.6	10.0	5.6	4.6

METHOD: EPA SW-846 8260


Chemist

3/1/07
Date

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PHONE (325) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
 ENVIRONMENTAL PLUS, INC.
 ATTN: JASON STEGEMOLLER
 P.O. BOX 1558
 EUNICE, NM 88231
 FAX TO: (505) 394-2601

Receiving Date: 07/24/07
 Reporting Date: 07/26/07
 Project Owner: NOT GIVEN
 Project Name: CENTURION PL
 Project Location: STATE ZZ

Sampling Date: 07/24/07
 Sample Type: GROUNDWATER
 Sample Condition: COOL & INTACT
 Sample Received By: HM
 Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		07/25/07	07/25/07	07/25/07	07/25/07
H12971-1	WW1	<0.002	<0.002	<0.002	<0.006
		0.105	0.104	0.105	0.320
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	104	105	107
Relative Percent Difference		0.8	0.7	0.2	0.1

METHOD: EPA SW-846 8021B

Burgess J. Cooke

 Chemist

7/26/07

 Date

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PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
ENVIRONMENTAL PLUS, INC.
ATTN: JASON STEGEMOLLER
P.O. BOX 1558

Receiving Date: 07/24/07
Reporting Date: 07/31/07
Project Owner: NOT GIVEN
Project Name: CENTURION PL
Project Location: STATE ZZ
Sample ID: H12971-1
Lab Number: WW1

EUNICE, NM 88231
FAX TO: (505) 394-2601

Analysis Date: 07/30/07
Sampling Date: 07/24/07
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: BC

POLYNUCLEAR AROMATIC
HYDROCARBON - 8270 (ppm)

	Sample Result	Method	True Value		
	H12971-1	Blank	QC	%Recov.	QC
1 Naphthalene	<0.002	<0.002	0.049	98	0.050
2 Acenaphthylene	<0.002	<0.002	0.053	106	0.050
3 Acenaphthene	<0.002	<0.002	0.054	108	0.050
4 Fluorene	<0.002	<0.002	0.054	108	0.050
5 Phenanthrene	<0.002	<0.002	0.054	108	0.050
6 Anthracene	<0.002	<0.002	0.053	106	0.050
7 Fluoranthene	<0.002	<0.002	0.055	110	0.050
8 Pyrene	<0.002	<0.002	0.051	102	0.050
9 Benzo(a)anthracene	<0.002	<0.002	0.055	110	0.050
10 Chrysene	<0.002	<0.002	0.056	112	0.050
11 Benzo(b)fluoranthene	<0.002	<0.002	0.054	108	0.050
12 Benzo(k)fluoranthene	<0.002	<0.002	0.055	110	0.050
13 Benzo(a)pyrene	<0.002	<0.002	0.057	114	0.050
14 Indeno(1,2,3-cd)pyrene	<0.002	<0.002	0.050	100	0.050
15 Dibenzo(a,h)anthracene	<0.002	<0.002	0.056	112	0.050
16 benzo(g,h,i)perylene	<0.002	<0.002	0.057	114	0.050

% Recovery

17 Nitrobenzene-d5	85
18 2-Fluorobiphenyl	76
19 Terphenyl-d14	109

METHODS: EPA SW-846 8270, 3510

Bryan A. Cook
Chemist

7/31/07
Date

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**NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD and DRILLING LOG**

1. PERMIT HOLDER(S)

Name: OWNER OF WELL -NOT AVAILABLE
Address: _____
City: _____
State: _____
Zip: _____
Phone: _____
Contact _____
Contact Phone: _____

Name: ENVIRONMENTAL PLUS INC
Address: P.O. BOX 1558
City: EUNICE STATE: NM
Zip: 88231-1558
Phone: _____

2. STATE ENGINEER REFERENCE NUMBERS:

File # _____, Well # STATE 22 LEASE TANK BATTERY #1, LEA CO, 12
MILES N OF 524 & 1.5 MILES E OF 238. PLUGGING

3. LOCATION OF WELL (The Datum Is Assumed To Be WGS 84 Unless Otherwise Specified)

Latitude: 32 Deg 51 Min 04 N Sec
Longitude: 103 Deg 29 Min 58 W Sec
(Enter Lat/Long To At Least 1/10th Of A Second)
Datum If Not WGS 84: _____

4. DRILLING CONTRACTOR

License Number: WD1478
Name: STRAUB CORPORATION Work Phone: 432-756-3489

Drill Rig Serial Number: _____

List The Name Of Each Drill Rig Supervisor That Managed On-Site Operations During The Drilling Process:

MARTIN STRAUB

5. DRILLING RECORD

Drilling Began _____; Completed: _____; Drilling Method _____;
Diameter Of Bore Hole: _____ (in);
Total Depth Of Well: _____ (ft);
Completed Well Is (Circle One): Shallow / Artesian;
Depth To Water First Encountered: 90 (ft);
Depth To Water Upon Completion Of Well: _____ (ft).

Do Not Write Below This Line

Memo

To: Environmental Plus Inc.
From: Arzell Sellers
CC:
Date: 6/13/2007
Re: Water Well Battery located at ZZ Mobile Tank Battery

We have no objections against plugging the water well at this time.

A Sellers *AS*

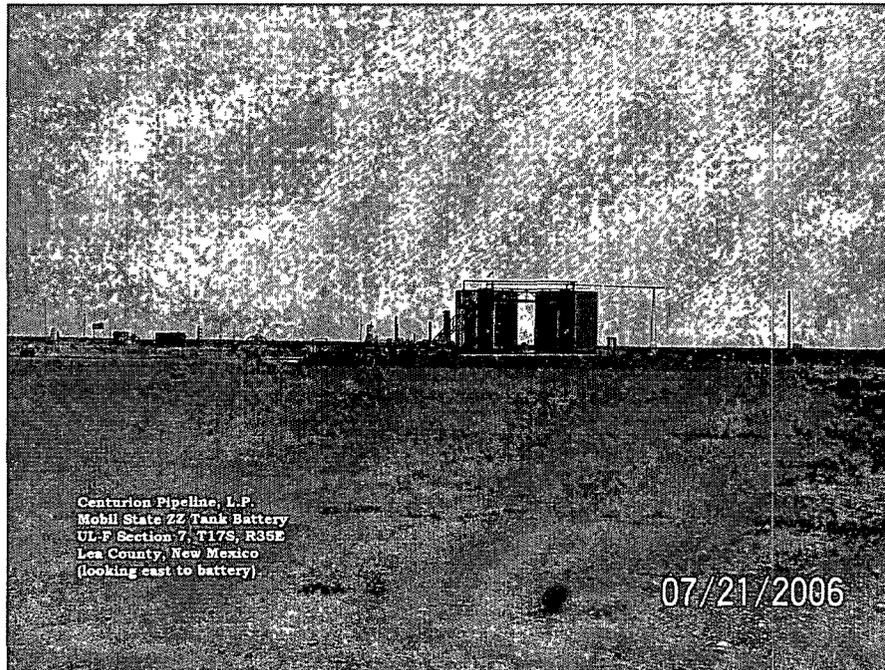


Photo #1: Looking easterly across site during initial site assessment.



Photo #2: Looking northerly at north wall of tank battery excavation area.



Photo #3: Looking southerly across pasture excavation area.



Photo #4: Looking down on tank battery excavation area upon completion of backfilling.



Photo #5: Looking northerly across tank battery excavation area after grading/contouring.

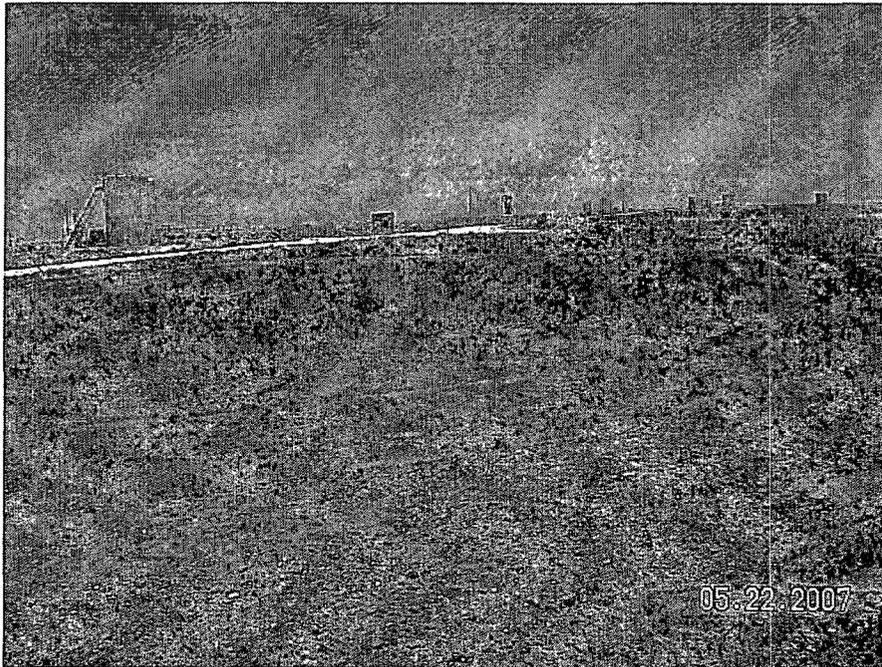


Photo #6: Looking easterly across pasture excavation area after grading/contouring.

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: Centurion Pipeline, L.P.	Contact: Darrel Lester
Address: 2200 East County Road Midland, Texas 79706	Telephone No.: (432) 686-1479
Facility Name: Mobil State ZZ Tank Battery	Facility Type: Crude Oil Storage Tank

Surface Owner: Eidson Ranches	Mineral Owner: State of New Mexico	Lease No.: 1RP# 1495
--------------------------------------	---	-----------------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	7	17S	35E					Lea

Latitude: N 32° 51' 04.21" **Longitude:** W 103° 29' 55.22"

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: Estimated at 4 bbls	Volume Recovered: none
Source of Release: Crude oil storage tank	Date and Hour of Occurrence: 15 June 2005	Date and Hour of Discovery: 15 June 2005
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		

Describe Cause of Problem and Remedial Action Taken.* A check valve in the Centurion pipeline failed and caused the crude oil storage tank to overflow. The system was shut-in, the check valve replaced and the system placed back in service.

Describe Area Affected and Cleanup Action Taken.* B&H (Odessa, TX) initiated remediation activities excavating approximately 185 cubic yards of impacted soil from within the spill area perimeter (i.e., ~2-foot bgs) and blended to less than 5,000 mg/Kg TPH with approximately 500 cubic yards of ambient soil.

As NMOCD remedial goals were not achieved, EPI was retained to finalize remediation activities. Site Remedial Goals (including water wellhead protection): TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX = 50 mg/Kg. Chloride residuals present in the soil may not be capable of impacting local groundwater above NMWQCC groundwater standards of 250 mg/L. Groundwater depth is approximately 76.5-feet bgs (gauged July 19, 2006). EPI will provide the NMOCD a Closure Report and Final C-141 upon completion of remediation activities.

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>RM Moore</i>	OIL CONSERVATION DIVISION	
Printed Name: Becky Moore	Approved by District Supervisor: <i>Chris Williams</i>	
Title: Compliance Specialist	Approval Date: 9/19/07	Expiration Date: 9/19/07
E-mail Address: rebecca_moore@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>Revised 7-24-07</i> Phone: (432) 978-8067		

* Attach Additional Sheets If Necessary

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

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company: Centurion Pipeline, L.P.	Contact: Darrel Lester
Address: 2200 East County Road Midland, Texas 79706	Telephone No.: (432) 686-1479
Facility Name: Mobil State ZZ Tank Battery	Facility Type: Crude Oil Storage Tank

Surface Owner: Eidson Ranches	Mineral Owner: State of New Mexico	Lease No.: IRP# 1495
--------------------------------------	---	-----------------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	7	17S	35E					Lea

Latitude: N 32° 51' 04.21" **Longitude:** W 103° 29' 55.22"

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 4 bbls (estimate)	Volume Recovered: none
Source of Release: Crude oil storage tank	Date and Hour of Occurrence: 15 June 2005	Date and Hour of Discovery: 15 June 2005
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		

Describe Cause of Problem and Remedial Action Taken.* A check valve in the Centurion pipeline failed and caused the crude oil storage tank to overflow. The system was shut-in, the check valve replaced and the system placed back in service.

Describe Area Affected and Cleanup Action Taken.* B&H (Odessa, TX) initiated remediation activities excavating approximately 185-yd³ of impacted soil from within the spill area perimeter (i.e., ~2-feet bgs) and blended to less than 5,000 mg/Kg TPH with approximately 500 cubic yards of ambient soil. As NMOCD remedial goals were not achieved, EPI was retained to finalize remediation activities. Approximately 1,746-yd³ of impacted soil was excavated from a total area of 1,800-ft² to a maximum depth of 14-feet bgs. Impacted soil was transported to Artesia Aeration and South Monument Landfarm for treatment. The excavation was backfilled with clean soil and pasture area seeded with a blend suitable to the landowner. Groundwater depth is approximately 78.5-feet bgs (gauged July 24, 2007). Original Site Remedial Goals (including water wellhead protection): TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX = 50 mg/Kg. Chloride residuals present in the soil may not be capable of impacting local groundwater above NMWQCC groundwater standards of 250 mg/L. Approval was granted by the NMOCD to close site with TPH concentrations <1,000 mg/Kg, provided groundwater was not impacted and the water well plugged. The onsite water well was plugged on 24 July 2007 utilizing State of New Mexico approved methods. Laboratory analyses of groundwater samples collected from the well indicate BTEX constituent and PAH concentrations were ND. Chloride and sulfate concentrations were below NMWQCC groundwater standards.

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>RM Moore</i>	OIL CONSERVATION DIVISION	
Printed Name: Becky Moore	Approved by District Supervisor: <i>Chris Williams</i>	
Title: Compliance Specialist	Approval Date: 9/19/07	Expiration Date: 9/19/07
E-mail Address: rebecca_moore@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/22/07 Phone: (432) 978-8067		

* Attach Additional Sheets If Necessary