FINAL CLOSURE REPORT

SELBY MAVEETY #3 FLOWLINE

EPI REF: 240015 NMOCD REF. 1RP#1032

UL-L (NW4 of the SW4) of Section 35 T19S R36E LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 36' 49.62" LONGITUDE: W 103° 19' 52.26"

JUNE 2007

PREPARED BY:

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

PREPARED FOR:





Distribution List

Apache Corporation – Selby Maveety #3 Flowline

NMOCD 1RP#1032; EPI Ref: 240015

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STANDARD OF CARE

Closure Report Selby Maveety #3 Flowline (NMOCD 1RP#1032; EPI Ref. #240015)

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: Brandon Farrar Environmental Consultant	Date 6/21/07
This report was reviewed by: David P. Duncan Civil Engineer	<u>し、21-07</u> Date



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Final NMOCD Form C-141



1.0 PROJECT SYNOPSIS

Site Specific:

- ♦ Company Name: Apache Corporation
- ♦ Facility Name: Selby Maveety #3 Flowline
- ♦ Project Reference: NMOCD Ref. 1RP#1032; EPI Ref. #240015
- Company Contacts: Guinn Burks
- ♦ Site Location: WGS84 N32° 36' 49.62"; W103° 19' 52.26"
- ♦ Legal Description: Unit Letter-L (NW¼ of the SW¼), Section 35, T 19S, R 36E
- General Description: Approximately 4-miles west of Monument, New Mexico
- ♦ *Elevation:* 3,615-ft amsl
- ♦ Land Ownership: DLD Resources, Inc.
- ♦ *EPI Personnel:* Project Consultant David Duncan

Release Specific:

- **Product Released:** Crude Oil and Produced Water
- ♦ Volume Released: 100 bbls
- ♦ Volume Recovered: 70 bbls
- Time of Occurrence: September 7, 2006
- ♦ *Time of Discovery:* September 7, 2006 @ 3:00 p.m.
- Release Source: 4" steel pipe line
- ♦ Initial Surface Area Affected: ~2,900-ft²

Remediation Specific:

- Final Vertical extent of contamination: 28-ft below ground service (bgs)
- ♦ Depth to Ground Water: ~48-ft
- ♦ Water wells within 1,000-ft: One (1)
- ♦ Private domestic water sources within 200-ft: None
- ♦ Surface water bodies within 1,000-ft: None
- ♦ *NMOCD Site Ranking Index:* 40 points
- ♦ Remedial goals for Soil: TPH 100 mg/Kg; BTEX 50 mg/Kg; Benzene 10 mg/Kg; Chloride 250 mg/Kg
- ♦ RCRA Waste Classification: Exempt
- Remediation Option Selected: a) Highly contaminated soil above NMOCD site remedial goals was excavated and disposed at Sundance Services, Inc., South Monument Surface Waste Facility, LLC, and Controlled Recovery Inc. for treatment; b) laboratory analyses confirmed removal of most highly impacted soils above NMOCD remedial goals in sidewalls and bottom; c) backfilled excavation with caliche and topsoil; d) graded area for natural drainage; f) seeded area with blend preferred by the landowner.
- Disposal Facilities: Sundance Services, Inc.; Controlled Recovery Inc.; South Monument Waste Facility
- Volume disposed: $\sim 7.674 \text{ yds}^3$
- Project Completion Date: April 10, 2006



2.0 SITE AND RELEASE INFORMATION

- 2.1 Describe land use and pertinent geographic features within 1,000 feet of site Land surrounding the area is rangeland in native grasses utilized for livestock grazing along with oilfield operations.
- 2.2 Identify and describe the source or suspected source(s) of the release.
 4-inch steel pipeline leaked crude oil and produced water.
- 2.3 What is the volume of the release? (if known): ~100 barrels of crude oil and produced water
- 2.4 What is the volume recovered? (if any): ~70 barrels of crude oil and produced water
- 2.5 When did the release occur? (if known): September 7, 2006

2.6 Geological Description

According to "Ground-Water Report 6, Geology and Ground-Water Conditions in Southern Lea County, New Mexico, A. Nicholson, Jr. and A. Clebsch, Jr., United State Geological Survey, 1961," (USGS Report #6) the Ogallala formation mantles the High Plains Physiographic Region in the area of Lea County west of Hobbs, New Mexico, where it ranges in thickness from 100 to 250 feet. The saturated thickness of the Ogallala formation on the High Plains ranges from 25 feet to 175 feet because of the very irregular Triassic erosion surface which underlies it. The Ogallala sands are overlain with an indurated and fractured calcium carbonate caliche cap up to 59 feet thick.

2.7 Ecological Description

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (Querqus harvardi) interspersed with Honey Mesquite (Prosopis glandulosa) along with typical desert grasses and weeds. 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

Information obtained from the New Mexico Office of the State Engineer's website and United States Geological Survey (USGS) database indicate groundwater in the unconfined aquifer at this site was projected to be ~48-ft bgs.

2.9 Area Water Wells

One well exists within a 1,000-foot radius of the release site. Seven (7) wells are located within a one-mile radius of the release site (reference *Figure 2*).

2.10 Area Surface Water Features

No surface water features exist within a 1,000-foot radius of the point of release (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 ground-water);
- ♦ *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 forty (40) points with the soil remedial goals highlighted in the Site Ranking table presented below:

				numeros especial market		
1. Ground Wa	ter	2. Wellhead	Protection Area	3. D Wate	istance to Surface er	
Depth to GW < 20 points	50 feet:	if <1,000' fro	om water source, om private	<200 poin	horizontal feet: 20 ts	
· -	Depth to GW 50 to 99 feet: 10 points		ater source: 20		1,000 horizontal feet: oints	
Depth to GW >100 feet: 0 points		or; >200' fro	om water source, m private ater source: <i>0</i>	>1,0 poin	00 horizontal feet: <i>0</i> ts	
Site Rank (1+2	+3) = 20 +	20 + 0 = 40	points		ONCHRONOSCUUTES EIN AMMERINAN MINNES EN PRANTES (MARTINIA CARACTURE CONTRACTOR MARTINIA CONTRACTOR MARTINIA CO	
Total Site Rank	king Score	and Acceptab	le Remedial Goal C	oncen	trations	
Ranking Score	2	20 or >	10		0	
Benzene ¹	1	0 ppm	10 ppm		10 ppm	
BTEX ¹	5	0 ppm	50 ppm	50 ppm		
TPH	10	00 ppm	1,000 ppm		5, 00 0 ppm	
CONTRACTOR OF THE PERSON NAMED IN COLUMN	The second secon		THE RESERVE OF THE PARTY OF THE	CORCOGRACIOSCHOROLOGI	Maria Company of the	

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



4.0	EXC	AVATED SOIL INFORMATION
	4. <i>1</i>	Was soil excavated for off-site treatment or disposal? \(\sum Yes \subseteq No
		Date excavated: 9/15/06 through 10/5/06; 2/27/07 through 4/4/07
		<i>Total volume removed:</i> $\sim 7,674 \text{ yds}^3$
	4.2	Indicated soil treatment type: Disposal Land Treatement Composting/Biopiling Other ()
		Name and location of treatment/disposal facility: <u>Disposal</u> – Sundance Services, Inc., Lea County, NM (3,000 yds ³); Controlled Recovery, Inc., Lea County, NM (1,220 yds ³)
		<u>Land Treatment</u> – South Monument Surface Waste Facility, LLC, Lea County, NM (3,454 yds ³)



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 $\sim 70^{\circ}$ F, they were analyzed for organic vapors utilizing a MiniRae® Photoionization Detector (PID) equipped with a 10.6 electron volt (eV) lamp.

Chloride Concentrations – A La Motte Chloride Test Kit (titration method) was utilized for field analyses of chloride concentration.

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

Soil samples from the excavation were collected utilizing hand and/or mechanical excavation equipment to gather the sample from at least 6-inches below/within the surface of the excavation. Prior to the collection of each sample, the sampling instrument was decontaminated with 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 Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and chloride concentrations.

5.3 Discuss sample locations and provide rationale for their locations.

From September 15-21, 2006, five (5) soil samples were taken from three (3) Test Trenches within the release to delineate vertical/horizontal extent of impacted soil. Soil samples were collected at 5-ft vertical intervals to a depth of 20-ft bgs (Reference *Figure 4*).

From September 27 – October 2, 2006, thirteen (13) soil samples were collected from sidewalls within the release area to delineate vertical/horizontal extent of impacted soil (Reference *Figure 4*).

To further define vertical extent of impacted soil, three (3) soil borings were advanced on October 12 and 16, 2006 in the east, center and west sectors of the floor of the excavation. Soil samples were collected at 5-ft vertical intervals to a depth of 33-ft bgs. It was determined soils impacted above NMOCD remedial goals extended to a depth of 28-ft bgs in the east sector, to a depth of 20-ft bgs in the center sector and did not exceed 8-ft bgs in the west sector of the excavation (Reference *Figure 4*).

From March 8-30, 2007 forty-three (43) soils samples were collected from various test trenches and sample points throughout the center and east sectors of the release area to delineate vertical/horizontal extent of impacted soil (Reference *Figure 5*).

On April 3, 2007, two (2) soil samples were collected from various sample points within the excavation to delineate vertical/horizontal extent of impacted soil.



6.0 ANALYTICAL RESULTS

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

Laboratory analytical results for five (5) soil samples collected from September 15 – 21, 2006 indicated TPH concentrations ranged from 10 mg/Kg [(WBH-10' @ 10-ft bgs), (WBH-15' @ 15-ft bgs)] to 110 mg/Kg (CBH-20' @ 20-ft bgs). BTEX constituents were below remedial threshold goals. Reported chloride concentrations ranged from 32 mg/Kg (CBH-20' @ 20-feet bgs) to 384 mg/Kg (WBH-20 @ 20-feet bgs) (Reference Table 3).

Laboratory analytical results for thirteen (13) soil samples collected from September 27 – October 2, 2006 indicated TPH and BTEX constituents were below remedial threshold goals. Reported chloride concentrations ranged from 10 mg /Kg [(SW3-3' @ 3-ft bgs), (SW4-3' @ 3-ft bgs), (SW8-3' @ 3-ft bgs] to 112 mg/Kg (SW6-3' @ 3-ft bgs) (Reference Table 3).

Laboratory analytical results for soil boring samples collected from October 12 -16, 2006 indicated chloride concentrations ranged from 160 mg/Kg [(SB1 @ 33-ft bgs), (SB-2 @ 13-ft bgs), (SB-2 @ 18-ft bgs), (SB-2 @ 23-ft bgs) to 600 mg/Kg (SB1 @ 13-feet bgs) (Reference *Table 2*).

Laboratory analytical results for forty-three (43) soil samples collected from March 8 – 30, 2007 indicated chloride concentrations ranged from 16 mg/Kg (SW-8 @ 22-ft bgs)) to 688 mg/Kg (SW-15 @ 19-feet bgs) (Reference *Table 3*).

Laboratory analytical results for two (2) soil samples collected on April 3, 2007 indicated chloride concentrations ranged from 176 mg/Kg (SW-11D @ 27-ft bgs) to 464 mg/Kg (SW-15D @ 19-ft bgs) (Reference *Table 3*).

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
	If yes, attach a site map identifying extent(s) of surface soil contamination.
	Not applicable.



7.0 <u>DISCUSSION</u>

7.1 Discuss the risks associated with the remaining soil contamination:

A background test trench was excavated approximately twenty (20) feet south of the release excavation to a depth of eight (8) feet bgs. Chloride concentrations of 464 mg/Kg existed at this depth. Using this concentration as bench mark criteria, impacted soil was excavated until chloride concentrations were at or below this parameter. Hence, chloride impacted soil remaining in-situ should not be capable of contaminating groundwater above NMWQCC Groundwater Standards of 250 mg/L.

- 7.2 Discuss the risks associated with the impacted groundwater: Not applicable
- 7.3 Discuss other concerns not mentioned above: Not applicable



8.0 CONCLUSIONS AND RECOMMENDATIONS

<i>8.1</i>	Recommendation for the site:	Site Closure
	•	Additional Groundwater Monitoring
		Corrective Action

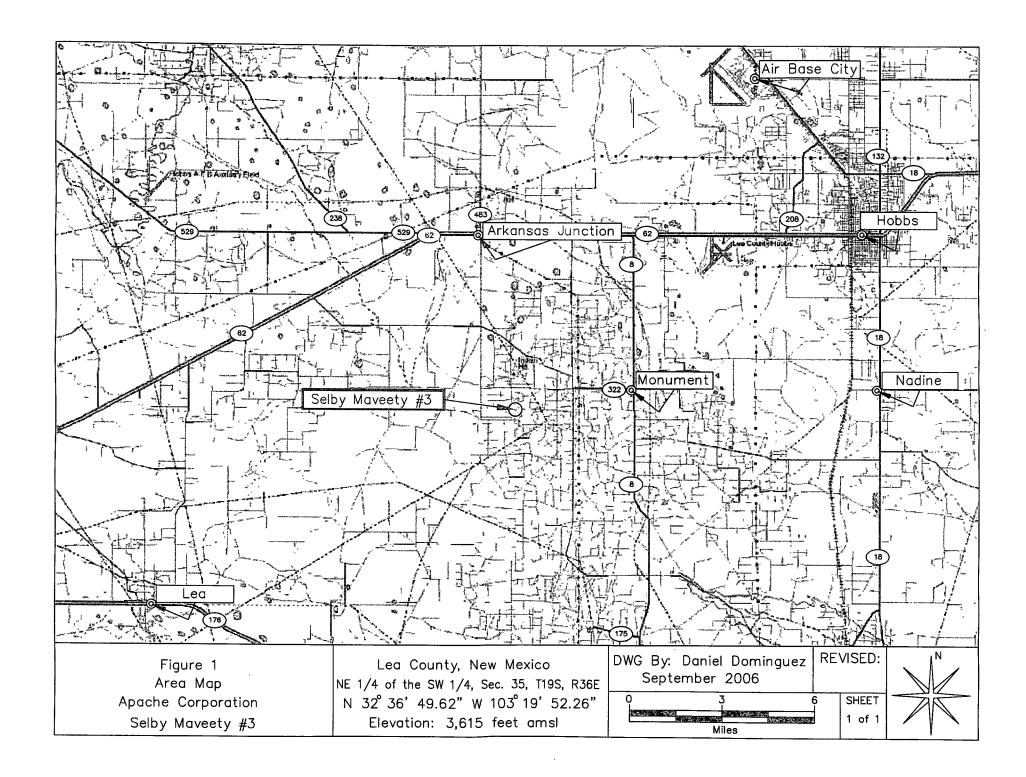
8.2 Base the recommendation above on <u>Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)</u>. Describe below how you applied the policy to support your recommendation. If closure is recommended, please summarize significant site investigative events and describe how site specific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

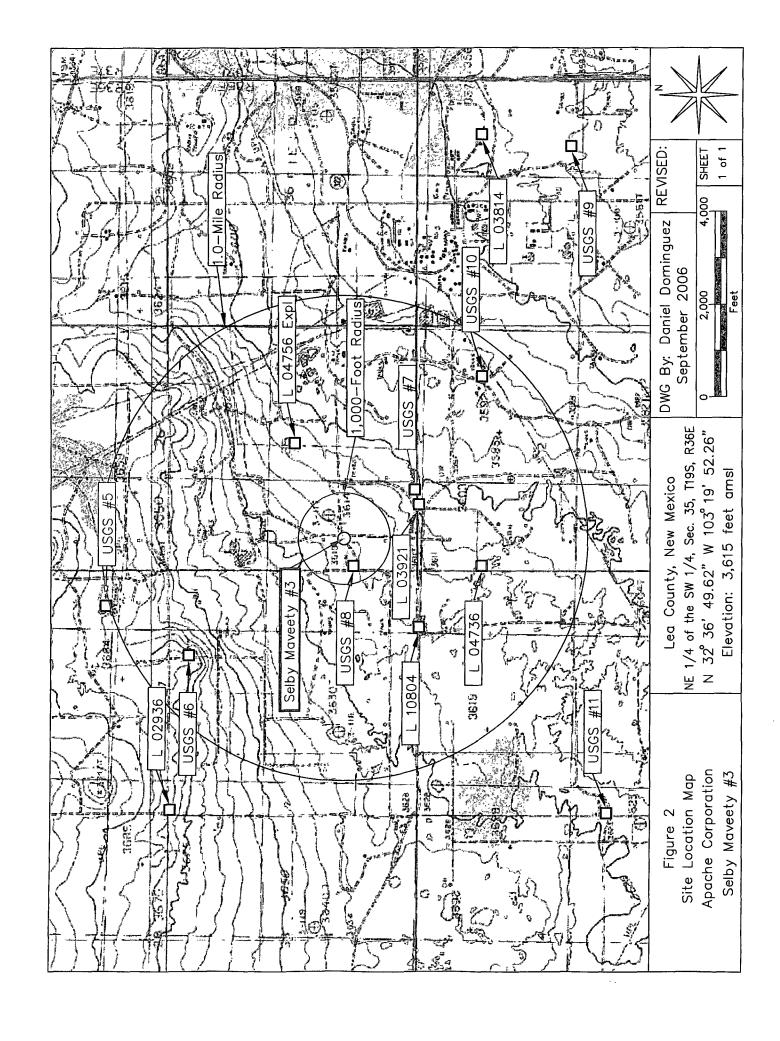
Most chloride impacted soils were excavated and transported to Sundance Services, Inc. and Controlled Recovery, Inc. for disposal. Less impacted soils were transported to South Monument Surface Waste Facility for treatment. Laboratory analyses confirmed removal of highly impacted soils above NMOCD remedial goals in sidewalls and bottom of the excavation. In an effort to extract chloride impacted soil, the release area was excavated to a depth of 28-30 feet bgs in some areas. The excavation was backfilled with approximately 4,928 yds³ of caliche and 2,220 yds³ of topsoil. The entire disturbed area was graded for natural drainage and reseeded with a blend preferred by the landowner.

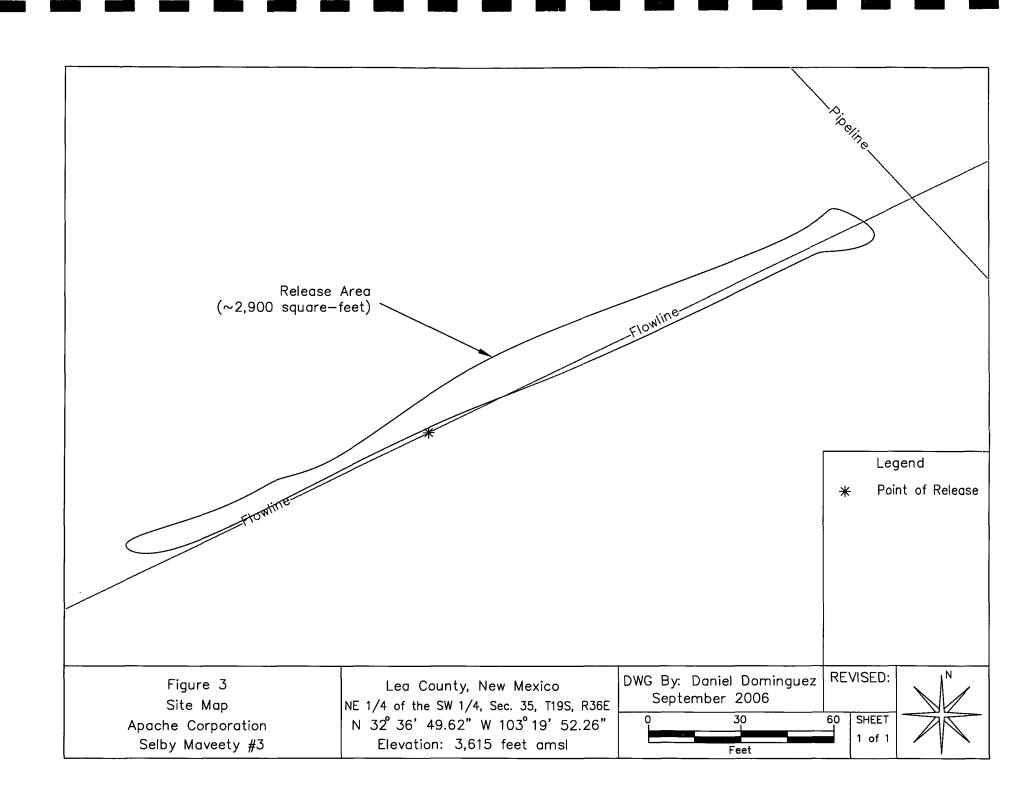
- 8.3 If additional groundwater monitoring is recommended, indicate the proposed monitoring schedule and frequency. Conduct quarterly monitoring until the NMOCD responds to this report. Not applicable
- 8.4 If corrective action is recommended, provide a conceptual approach.

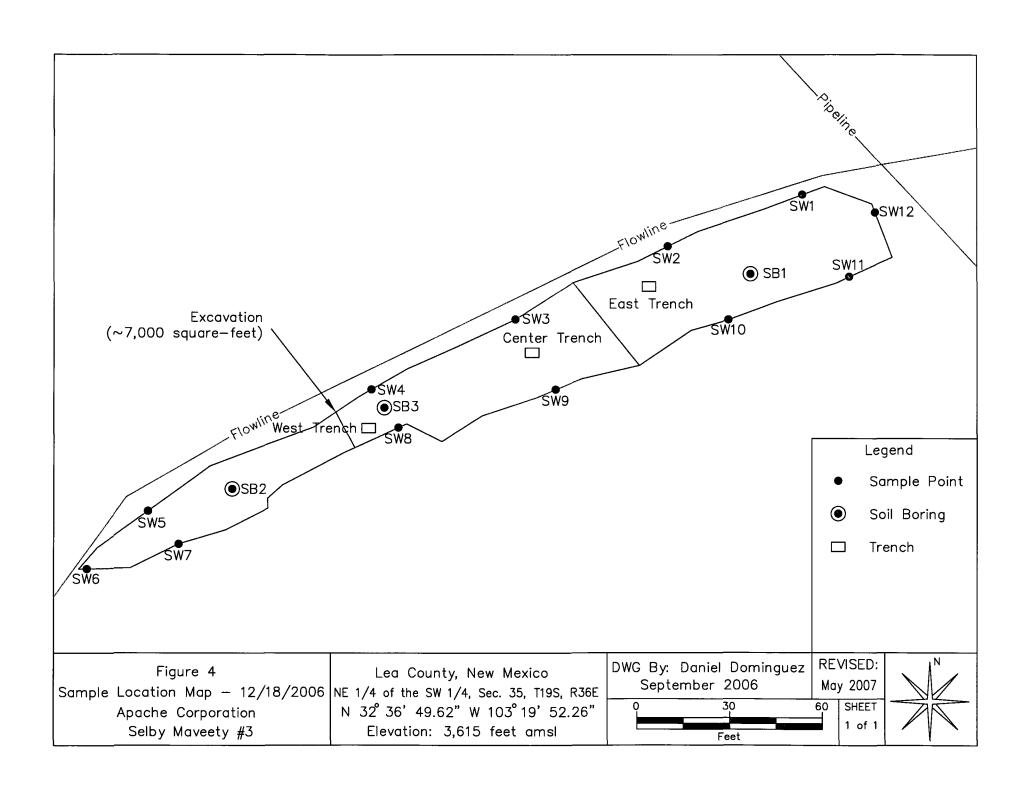
 Not Applicable

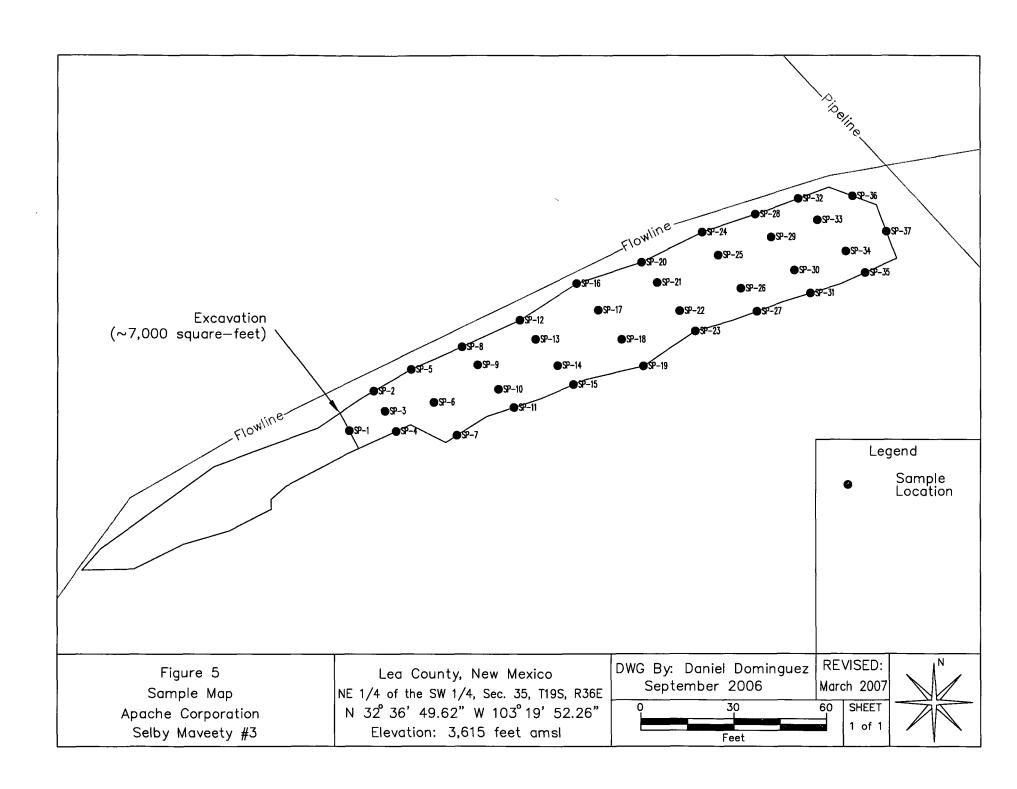
FIGURES











TABLES

TABLE 1

<u>Well Data</u>

Apache Corporation - Selby Maveety #3 (Ref. # 240015)

Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec q q q	Latitude	Longitude	Date Measured	Surface Elevation ^B	Depth to Water
L 03921	3	T. E. MUSICK	STK	19S	36E	35 34	N32° 36' 33.91"	W103° 19' 43.70"	18-Jul-58	3,604	50
L 04756 EXPL	3	CLIMAX CHEMICAL COMPANY	EXP	19S	36E	35 2	N32° 37' 0.08"	W103° 19' 28.22"	09-Dec-61	3,608	70
L 02936	3	VERNA DRILLING CO.	PRO	19S	36E	27 33	N32° 37' 26.26"	W103° 21' 0.92"	15-Jul-55	3,685	28
L 10804	8	TEXAS-NEW MEXICO PIPELINE CO.	POL	19S	36E	34 44	N32° 36' 33.90"	W103° 20' 14.61"	16-Sep-97	3,615	50
L 03814	3	W. C. BYRD	DOM	20S	36E	1 222	N32° 36' 20.84"	W103° 18' 11.05"	04-Sep-58	3,572	40
L 04736	3	CLIMAX CHEMICAL COMPANY	DOM	20S	36E	2 11	N32° 36' 20.73"	W103° 19' 59.18"	21-Oct-61	3,610	92
USGS #5				19S	36E	27 423			09-Jan-86	3,681	19.89
USGS #6				19S	36E	34 212			26-Mar-91	3,680	18.42
USGS #7				19S	36E	35 343			26-Mar-91	3,602	37.36
USGS #8				19S	36E	35 313			22-Jan-96	3,615	47.74
USGS #9				20S	36E	1 412			11-Apr-68	3,565	26.28
USGS #10				20S	36E	2 241	_		13-Feb-81	3,586	27.1
USGS #11				20S	36E	3 3 3 1			30-Jan-91	3,623	38.6
USGS #1			計分級	19S	36E	25 112		双线 建设建设	18-Mar-54	3,570	16.01R ²
USGS #2		三三三十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	語論	19S	36E	25 1 2 3			01-Mar-61		62.73
USGS#3		多特别则是是多多个人是我们们则是现实是是	を記る。	19S	36E	26 2 2 4	海通 的科 15. 高级		07-May-54	3,650	M6.72
USGS #4		是是一個學術學學是一個學術		19S	36E	26 2 4 2			25-Mar-91	3,650	14.09

^A= In acre feet per annum

STK = Livestock watering

EXP = Exploration

PRO = Prospecting or development of natural resource

POL = Pollution control well

DOM = Domestic one household

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

Shaded areas indicate wells not shown on Figure 2

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

TABLE 2 Summary of Soil Boring Soil Sample Laboratory Analytical Results

Apache Corporation

Selby Maveety #3 Flowline (Ref.# 240015)

Sample I.D.	Depth (feet)	Soil Status	Lithology	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Sample Date	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
	13	in-situ	Caliche			12-Oct-06	`								600
	18	in-situ	Caliche			12-Oct-06									560
SB-1	23	ın-sıtu	Sand/Rock			12-Oct-06							-		480
	28	in-situ	Sand/Rock			12-Oct-06									240
	33	in-situ	Sand/Rock			12-Oct-06					-				160
	13	in-situ	Caliche			16-Oct-06									160
SB-2	18	in-situ	Caliche			16-Oct-06								- +	160
	23	in-situ	Sand/Rock			16-Oct-06									160
	13	in-situ	Caliche			16-Oct-06									480
SB-3	18	ın-sıtu	Caliche			16-Oct-06									300
38-3	23	in-situ	Sand/Rock			16-Oct-06									240
	28	in-sıtu	Sand/Rock			16-Oct-06									240
		NMOCE	Remedial Th	resholds			10				50			100	250 ²

Bolded values are in excess of NMOCD Remediation Thresholds

¹ Estimated concentration, analyte decrected below method detection limits

²Chloride residuals may not be capable of impacting local groundwater above the NMWQCC standards of 250 mg/L

TABLE 3
Summary of Soil Sample Field Analyses and Laboratory Analytical Results
Apache Corporation
Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
CBH-5'	5	excavated	9/15/2006		2,000	0 040	0 770	6 080	23 400	30 290	581	5,390	5,971	2,340
CBH-10 [†]	10	excavated	9/15/2006		640	0 005	0 005	0 005	0 023	0 038	10 0	160	160	560
CBH-15'	15	excavated	9/15/2006		1,440	0 005	0 005	0 005	0 015	0 030	10 0	100	10 0	2,030
EBH-5	5	excavated	9/15/2006		4,000	0 005	0 019	0 124	0 804	0 952	24 8	848	872.8	8,000
EBH-10'	10	excavated	9/15/2006		4,000	0 005	0 167	0 630	2 96	3 76	134	1,770	1,904	5,340
EBH-15'	15	excavated	9/15/2006		720	0 005	0 005	0 005	0 015	0 030	10 0	242	242	736
WBH-5'	5	excavated	9/15/2006		720	0 005	0 005	0 005	0 015	0 030	100	100	100	736
WBH-10'	10	ın-sıtu	9/15/2006		480	0 005	0 014	0 005	0 015	0 039	10 0	10 0	100	368
WBH-15'	15	ın-sıtu	9/15/2006		400	0 005	0 005	0 005	0 015	0 030	100	10 0	10 0	320
CBH-20'	20	ın-sıtu	9/21/2006		250	0 005	0 005	0 005	0 015	0 030	10 0	100 0	110	32
EBH-20'	20	ın-sıtu	9/21/2006		480	0 005	0 005	0 005	0 015	0 030	10 0	21 2	31	352
WBH-20	20	ın-sıtu	9/21/2006		400	0 005	0 005	0 005	0 015	0 030	10 0	100	20	384
SW3-3'	3	ın-sıtu	9/27/2006		160	0 005	0 005	0 005	0 015	0 030	10 0	100	100	80
SW9-3'	3	ın-sıtu	9/27/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	100	16
SW1-3'	3	excavated	9/27/2006		480									
SW2-3'	3	excavated	9/27/2006		800									
SW10-3'	3	excavated	9/27/2006		320									
SW11-3'	3	excavated	9/27/2006		480									
SW12-3'	3	excavated	9/27/2006		560									

TABLE 3

Summary of Soil Sample Field Analyses and Laboratory Analytical Results

Apache Corporation

Selby Maveety #3 Flowline (EPI Ref.# 240015)

Sample 1 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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
SW4-3'	3	m-situ	9/27/2006		160	0 005	0 005	0 005	0 015	0 030	10 0	100	100	16
SW5-3'	3	ın-sıtu	9/27/2006		160	0 005	0 005	0 005	0 015	0 030	10 0	100	100	16
SW7-3'	3	ın-sıtu	9/27/2006		160	0 005	0 005	0 005	0 015	0 030	10 0	100	100	32
SW8-3'	3	ın-sıtu	9/27/2006		160	0 005	0 005	0 005	0 015	0 030	10 0	100	100	16
SW6-3'	3	ın-sıtu	9/27/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	100	112
Background	1	ın-sıtu	9/27/2006		160									
SW1-3'	3	ın-sıtu	10/2/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	100	96 0
SW2-3'	3	ın-sıtu	10/2/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	10 0	128
SW10-3'	3	ın-sıtu	10/2/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	10 0	64 0
SW11-3'	3	m-situ	10/2/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	10 0	100	64 0
SW12-3'	3	ın-sıtu	10/2/2006		240	0 005	0 005	0 005	0 015	0 030	10 0	100	100	32 0
CS-1		Stock Pile	26-Feb-07	*-	1,360									
SP-2	14	Excavated	1-Mar-07		360									240
SP-4	14	Excavated	1-Mar-07		320									176
SP-5	14	Excavated	1-Mar-07		400									320
SP-7	14	Excavated	1-Mar-07		240			~ -				~ ~		80
Composite Stock Pile		Stock Pile	1-Mar-07		920				- 4					
SP-6	16	Excavated	2-Mar-07		3,520									
SP-8	14	Excavated	2-Mar-07		280									

TABLE 3 Summary of Soil Sample Field Analyses and Laboratory Analytical Results Apache Corporation

Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
SP-9	16	Excavated	2-Mar-07		880							,		
SP-10	16	Excavated	2-Mar-07		>4,000									
SP-11	14	Excavated	2-Mar-07		240								~ =	
Composite Stock Pile		Stock Pile	2-Mar-07		640									
Composite Stock Pile		Stock Pile	5-Mar-07		1,120									
Composite Stock Pile		Stock Pile	5-Mar-07		520									
Composite Stock Pile		Stock Pile	5-Mar-07		2,200									
Composite Stock Pile		Stock Pile	5-Mar-07		1,680									
Composite Stock Pile		Stock Pile	5-Mar-07		1,840									
SP-1B	16	Excavated	6-Mar-07		520			~ 10						497
SP3C	18	Excavated	6-Mar-07		280									135
SP-6C	18	Excavated	06-Mar-07		3,040									
SP-9C	18	Excavated	06-Mar-07		1,200									
SP-10C	18	Excavated	06-Mar-07		>4,000									
SP-13B	18	Excavated	06-Mar-07		240									20 3
SP-14B	18	Excavated	06-Mar-07		3,600									
SP-6D	20	Excavated	06-Mar-07		3,520									
SP-10D	20	Excavated	06-Mar-07		>4,000						1			
SP-9D	20	Excavated	06-Mar-07		3,560									

TABLE 3 Summary of Soil Sample Field Analyses and Laboratory Analytical Results Apache Corporation Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (ntg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
SP-14C	20	Excavated	06-Mar-07		1,840									
Composite Stock Pile		Stock Pile	06-Mar-07		1,720									
Composite Stock Pile		Stock Pile	06-Mar-07		2,000									
Composite Stock Pile		Stock Pile	07-Mar-06		1,820									
Composite Stock Pile		Stock Pile	07-Mar-06		1,680									
SP-21	14	Excavated	08-Mar-07		1,600									
SP-22	14	Excavated	08-Мат-07		680									
SP-25	14	Excavated	08-Mar-07		560									
SP-26	14	Excavated	08-Mar-07		720									
TT-10E	24	In situ	08-Mar-07		320									192
Composite Stock Pile		Stock Pile	08-Mar-07		1,560									
Composite Stock Pile		Stock Pile	08-Mar-07		1,320									
ST-1	24	In-situ	09-Mar-07		720									
SP-6E	24	In-situ	09-Mar-07		3,680									
SWW-6	22	In-situ	09-Mar-07		>4,000									
SP-9E	24	In-situ	09-Mar-07		1,240						~ -			
SWE-9	22	In-situ	09-Mar-07		200			**						
SP-10E	24	In-situ	09-Mar-07		3,360									
SP-14D	24	În-situ	09-Mar-07		1,600									

TABLE 3

Summary of Soil Sample Field Analyses and Laboratory Analytical Results

Apache Corporation

Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
SWN-14	22	In-situ	09-Mar-07		960									
SP-17	16	In-situ	09-Mar-07		480									
SP-18	16	In-situ	09-Mar-07		440									
Composite Stockpile		In-situ	09-Mar-07		1,520									
Composite Stockpile		In-situ	09-Mar-07		1,840									
SP-21A	16	Excavated	12-Mar-07		360									96
SP-22A	16	In situ	12-Mar-07		440									320
SP-25A	16	In situ	12-Mar-07		560			~ *						432
SP-26A	16	In situ	12-Mar-07		480									352
SP-30	16	In situ	12-Mar-07		800							- •		352
Composite Stock Pile		Stock Pile	12-Mar-07		1,640									
Composite Stock Pile		Stock Pile	12-Mar-07		1,280							J		
SP-17	16	In-situ	13-Mar-07		480								v -	224
SP-18A	16	In-situ	13-Mar-07		520									352
SP-29	16	In-situ	13-Mar-07		280									48
SP-30A	18	In-situ	13-Mar-07		560			÷÷				- -		352
SP-31	13	Excavated	13-Mar-07		1,240									
Composite Stock Pile		Stock Pile	13-Mar-07		1,400									
TT-3	26	In-situ	14-Mar-07		4,000									

TABLE 3

Summary of Soil Sample Field Analyses and Laboratory Analytical Results

Apache Corporation

Selby Maveety #3 Flowline (EPI Ref.# 240015)

Sample I D	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Tolucne (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
TT-3A	28	In-situ	14-Mar-07		2,220									
TT-4	16	In-situ	14-Mar-07		560									
TT-4A	18	In-situ	14-Mar-07		440									
Composite Stock Pile		Stock Pile	14-Mar-07		1,480									
Composite Stock Pile		Stock Pile	14-Mar-07		1,360									
TT-5	30	In-situ	16-Mar-07		240						 I			
TT-5	32	ln-situ	16-Mar-07		200									112
TT-6	20	Excavated	16-Mar-07		1,040									
TT-6	22	Excavated	16-Mar-07		880									880
TT-7	20	Excavated	16-Mar-07		520									
TT-7	22	In-situ	16-Mar-07		440									320
BG-1	8	ln-situ	16-Mar-07		360									464
Composite Stock Pile		Stock Pile	16-Mar-07		1,360		**							
Composite Stock Pile		Stock Pile	16-Mar-07		920									
ТТ-6	24	Excavated	20-Mar-07		720									
ТТ-6	26	Excavated	20-Mar-07		640									
Composite Stock Pile		Stock pile	20-Mar-07		880		*-							
Composite Stock Pile		Stock Pile	20-Mar-07		760									
ТТ-6	28	In-situ	21-Mar-07		640									

TABLE 3 Summary of Soil Sample Field Analyses and Laboratory Analytical Results Apache Corporation Selby Maveety #3 Flowline (EPI Ref.# 240015)

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 (nig/Kg)	Total BTEX (mg/Kg)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
ТТ-6	30	In-situ	21-Mar-07		400									
SW-7	27	Excavated	21-Mar-07		1,760									
SW-7	21	Excavated	21-Mar-07		2,520									
SW-11	27	In-situ	21-Mar-07		440									496
SW-11	21	In-situ	21-Mar-07		200									32
SW-15	25	In-situ	21-Mar-07		480									464
SW-15	19	In-situ	21-Mar-07		720									688
SW-19	25	In-situ	3/21/027		520									400
SW-19	19	In-situ	21-Mar-07		480									480
Composite Stock Pile		Stock Pile	21-Mar-07		840									
SW-5	22	In-situ	22-Mar-06		1,640									
SW-5	27	In-situ	22-Mar-07		>4,000									
SW-7A	22	In-situ	22-Mar-07	~ ~	480									384
SW-7A	27	In-situ	22-Mar-07		400									288
SW-8	22	In-situ	22-Mar-07		200									16
SW-8	27	In-situ	22-Mar-07		280									176
SW-12	22	In-situ	22-Mar-07		480									
SW-12	27	In-situ	22-Mar-07		440									320

,

SW-16

22-Mar-07

In-situ

TABLE 3
Summary of Soil Sample Field Analyses and Laboratory Analytical Results
Apache Corporation
Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chlonde (mg/Kg)
SW-16	25	In-situ	22-Mar-07		320							~ -		192
SW-20	20	In-situ	22-Mar-07		480									
SW-20	25	In-situ	22-Mar-07		440									240
SW-23	12	In-situ	22-Mar-07		240									64
SW-23	17	In-situ	22-Mar-07		480									
SW-24	12	In-situ	22-Mar-07		840									
SW-24	17	In-situ	22-Mar-07		400									272
SW-27	12	In-situ	22-Mar-07		520									352
SW-27	17	In-situ	22-Mar-07		480									
SW-28	12	In-situ	23-Mar-07		320									
SW-28	17	In-situ	23-Mar-07		400	- +								192
SW-31	12	In-situ	23-Mar-07		820		~ ~							
SW-31	17	In-situ	23-Feb-07		600									896
SW-5A	22	In-situ	23-Mar-07		520									560
SW-5A	27	Excavated	23-Mar-07		1,960									
SW-16A	20	In-situ	23-Mar-07		480									368
SW-24A	12	In-situ	23-Mar-07		320									192
TT-6	32	In-situ	23-Mar-07		400									272
SW-5B	27	In-situ	27-Mar-07		440									272

TABLE 3 Summary of Soil Sample Field Analyses and Laboratory Analytical Results Apache Corporation

Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (nig/Kg)	Chloride (mg/Kg)
SP-6	28	In-situ	27-Mar-07		1,800						2-			
SP-10	28	In-situ	27-Mar-07		280									64
SP-14	28	In-situ	27-Mar-07		320									144
SP-18	28	In-situ	27-Mar-07		1,160						2-			
SP-22	18	Excavated	27-Mar-07		480	~ -								848
SWWA	26	Excavated	27-Mar-07		>4,000									
SWW-6B	26	In-situ	27-Mar-07	~-	880									
SP-6	30	In-situ	28-Mar-07		>4,000									
SWW-6C	26	In-situ	28-Mar-07		480									384
SP-6	32	In-situ	28-Mar-06		320									160
SP-18	29	In-situ	28-Mar-07		360									208
SW-31	12	In-situ	28-Mar-07		520									400
SB-5B	22	In-situ	29-Mar-07		440									384
SP-22	19	In-sıtu	30-Mar-07		320									144
Composite Stock Pile		Caliche Pit	30-Mar-07		280									
Composite Stock Pile (West)		Caliche Pit	02-Apr-07		620									
Composite Stock Pile (West)		Caliche Pit	02-Apr-07		280									
Composite Stock Pile		Caliche Pit	02-Apr-07		200									
SW-11A	27	Excavated	02-Apr-07		600									

TABLE 3
Summary of Soil Sample Field Analyses and Laboratory Analytical Results
Apache Corporation
Selby Maveety #3 Flowline (EPI Ref.# 240015)

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)	GRO (C6-C10) (mg/Kg)	DRO (>C10-C28) (mg/Kg)	Total Hydrocarbons nC6-nC28 (mg/Kg)	Chloride (mg/Kg)
SW-15A	19	Excavated	02-Apr-07		19									~ -
SW-11B	27	Excavated	03-Apr-07		840									
SW-15B	19	Excavated	03-Apr-07		1,120									
SW-11C	27	Excavated	03-Apr-07		880									
SW-15C	19	Excavated	03-Apr-07		1,120									
\$W-11D	27	In-situ	03-Apr-07		400									176
SW-15D	19	In-situ	03-Apr-07		480									464
NMOCD Remedial Thresholds				100		10				50			100	250

Bolded values are in excess of NMOCD Remediation Threshold Goals

BH = Soil samples collected from the bottom of the excavation, SW = Soil samples collected from the side walls of the excavation (E=East, W=West, N=North and S=South)

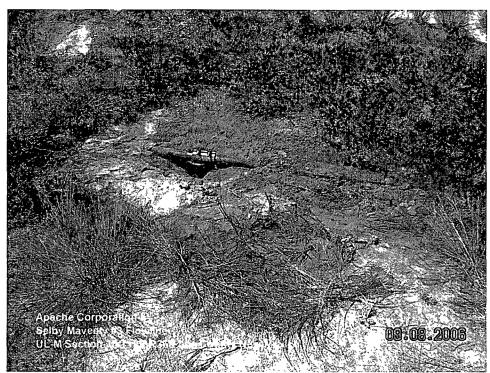
SP = Sample Point

^{-- =} Not Analyzed

TT = Test Trench, BG = Background Check

APPENDICES

APPENDIX I PROJECT PHOTOGRAPHS



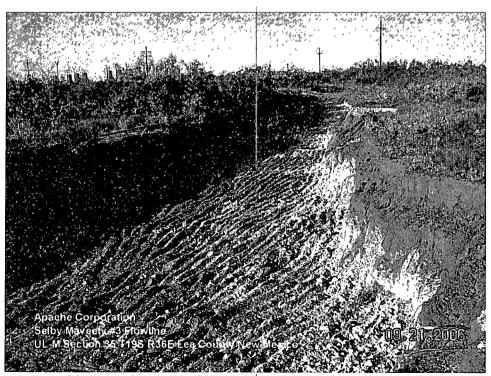
Photograph #1 – Looking at point of release.



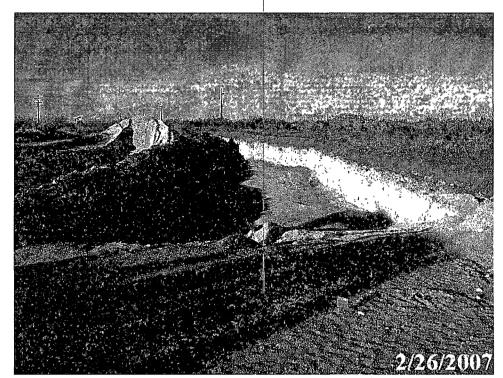
Photograph #2 – Looking west at pipeline and release area.



Photograph #3 – Looking west at point of release.



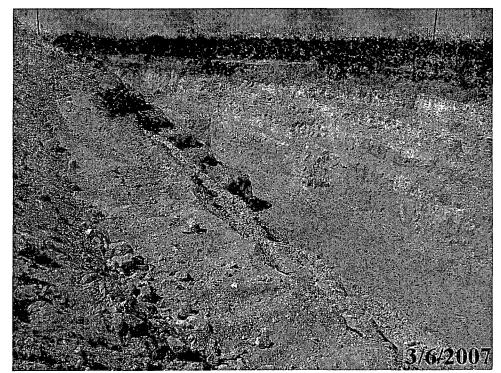
Photograph #4 – Looking east at release area excavations.



Photograph #5 – Looking west at excavation.



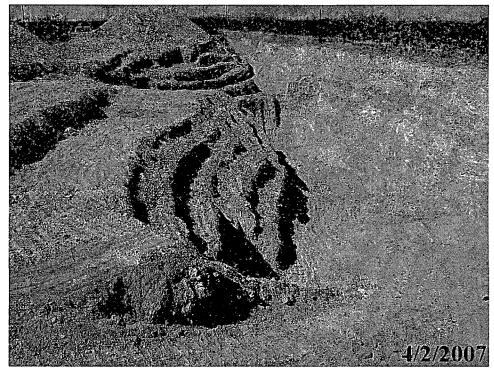
Photograph #6 – Looking west at excavation and benching of sidewalls.



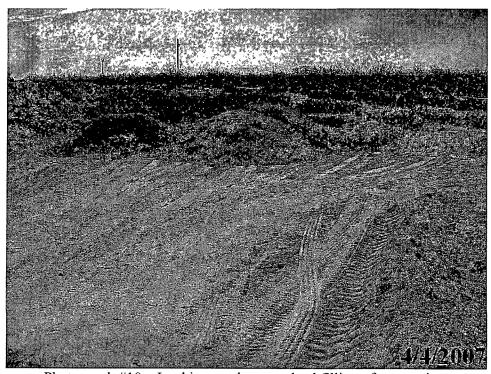
Photograph #7 – Looking northwesterly at excavation.



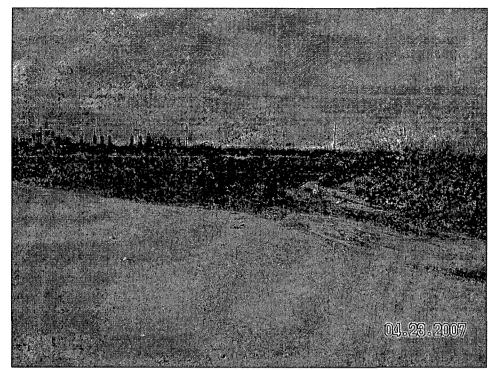
Photograph #8 – Looking west at excavation and benching of sidewalls.



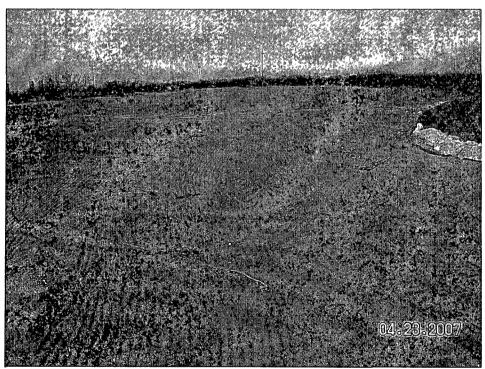
Photograph #9 – Looking west at backfilling of excavation.



Photograph #10 – Looking northwest at backfilling of excavation.



Photograph #11 – Looking southwest at remediated site.



Photograph #12 – Looking west at remediated site.

APPENDIX II LABORATORY ANALYTICAL REPORTS CHAIN-OF-CUSTODY FORMS





PHONE (505) 393-2326 + 101 E. MARLAND + HÖBBS, 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: 09/15/06 Reporting Date: 09/19/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Sampling Date: 09/15/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC Analyzed By: BC/HM

ANALYSIS D	ATE	09/18/06	09/18/06	09/18/06
H11542-1	CBH-5'	581	5390	2340
H11542-2	CBH-10'	<10.0	160	560
H11542-3	CBH-15'	<10.0	<10.0	2030
H11542-4	EBH-5!	24.8	848	8000
H11542-5	EBH-10'	134	1770	5340
H11542-6	EBH-15!	<10.0	242	736
H11542-7	WBH-5'	<10.0	<10.0	736
H11542-8	WBH-10'	<10.0	<10.0	368
H11542-9	WBH-15	<10.0	<10.0	320
Quality Contro	ol	768	749	940
True Value Q	C	800	800	1000
% Recovery		96.0	93.6	94.0
Relative Perc	ent Difference	5.5	0.6	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; ČI: Std. Methods 4500-ČIB *Analyses performed on 1:4 w/v aqueous extracts.

Burett A. Cooke

Date

H11542A

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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 walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be hable 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.



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: 09/15/06

Reporting Date: 09/19/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3

Project Location: NOT GIVEN

Sampling Date: 09/15/06

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 DAT	E	09/18/06	09/18/06	09/18/06	09/18/06
H11542-1	CBH-5'	0.040	0.770	6.08	23.4
H11542-2	CBH-10'	<0.005	<0.005	<0.005	0.0230
H11542-3	CBH-15'	<0.005	<0.005	<0.005	<0.015
H11542-4	EBH-5'	<0.005	0.019	0.124	0.804
H11542-5	EBH-10'	<0.005	0.167	0.630	2.96
H11542-6	EBH-15'	<0.005	<0.005	<0.005	<0.015
H11542-7	WBH-5'	<0.005	<0.005	<0.005	<0.015
H11542-8	WBH-10'	<0.005	0.014	<0.005	<0.015
H11542-9	WBH-15'	<0.005	<0.005	<0.005	<0.015
Quality Control		0,103	0.103	0.106	0.306
True Value QC	,	0.100	0.100	0.100	0.300,
% Recovery		103	103	106	102
Relative Percer	nt Difference	4.7	3.3	3.6	2.8

METHOD: EPA SW-846 8260

Buyest fa, Cothe

Date



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: 09/15/06 Reporting Date: 09/18/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3

Project Location: NOT GIVEN

Sampling Date: 09/15/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

LAB NUMBER SAMPLE ID

SO₄ (mg/Kg)

ANALYSIS DA	NTE:	09/18/06
H11542-3	CBH-15'	<1
-		
	λ	
-		
V F 17 10 22 22 22		
	<u> </u>	
	,	
	- Tubus	
Quality Contro	jl	25.1
True Value Qu		25.0
% Recovery		100
Relative Perc	ent Difference	6.5

METHODS: EPA 600/4-79-020 375.4

NOTE: Analysis performed on a 1:4 w:v aqueous extract.

Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240 505-393-2326 Fax 505-393-2476 Company Name Environmental Plus, Inc.

2111 Beechwood, Abilene, TX 79603 915-673-7001 Fax 915-673-7020

Company Name	Environmental Plus,	us, Inc.																			
EPI Project Manager	z													-	-	-		-			
Billing Address	P.O. BOX 1558		۲		₹,	pac	he (Apache Corporation		-				ومنسته	-	, i. i.	#Vent	-total:		
City, Stale, Zip	X	co 88231	1			بم.	C	rav	P.O. Drawer D		·	Widologia Company			<u> </u>		;	and the same of	eceius	XXX 183	
EPI Phoned/Fax#	505-394-3481 / 50	5-394-2601	Γ		¥.			1 4	TA 0002	U		- THE		en kara			·		E7/613		William I
Client Company	Apache Corporation		Γ		IVI	מונג		, . , .	Montainent, Ivivi 65265	Q.			a angles	THE STATE OF THE S	-	,	ui i		morine.		
Facility Name	Selby Maveety #3				-		Z	ů.	All'I: Mike Warren			um, ném	46596	nisula	-			-	<u></u>		
Project Reference	39 #240015		r i									ni-uni	er e inc	des State			-	THE STREET			Se Panto
EPI Sampler Name	ne Kurt Tyree		Ī									يستند	Egilledin	upoverna		Openij	w ii	-,	سيندن		,
			~	MATHIX	×		PRE	PRESERV.		SAMPLING						-		ne de la constante de la const	interessant.	****	
LABILD	SAMPLE I.D.	(а) на он (с) омр # соителиена В пои он	MASTEWATER	CHUBEOIL	ernoee	:явнто	VCID/BYRE	CE/COOL ABHTO	DATE.	Tight	BIEX 8031B	We tos Hat	снгонірєв (сі.)	(",oe) SETA-LUS	Ho Ho	Junes ere LCFb	OTHER 555				***************************************
MINSE2-1 7	1 CBH-5:	×		K	L		F	×	9M5/06	8:15	×	×	<u> </u>	<u>. </u>	-	+	╀	 	L	T	T
. 2 2	2 CBH-10'	, X,		×				X	9/15/05	8:20	×	×	×	-	-	┢	Ļ	Ļ			- 1
-23	3 CBH-15'	×		×			2	×	9/15/06	8:25	×	×	×	×		 - -		_	L		T
4.4	4 EBH-5'	×		X				χ	9/15/06	7:00	×	×	×			-	_			T	T
5.7.	/ SEBH-10	X		×				X	9715/06	7:10	×	×	×		_						
9.7	6 EBH-15'	×		×	`			×	9/15/06	7:15	×	×	X		H						
-9 Z	_9 7 WBH-5"	×		굯				×	9/15/06	9:05	×	×	X							·	
A 8	∠ 8 WBH-10¹	×		×				×	9/15/06	9:10	×	×	×		-			27944			_
7	9 WBH-15'	×		$\frac{1}{2}$				×	9/15/06	9:15	×	×	X.	-							-
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													9		i,						
Sampler Redinquished:	Titres	Revelved By:						AX PO	Fax Results, To. Pat McCastand, 505-394-2601 REMARKS: Co.C. requested.	McCasta ted.	od St	6-39	4-26	5							T-inin
Palmquished by.	0/5/1 Brein	(New day) : (is benjagai) OI	th chair	A	0	CA.															epalistania
Delivered by:	Sample	Image Col & Index Yes			hecked	à.															
				ļ	Simulation (l			AND DESCRIPTION OF THE PERSON NAMED IN			İ	l	ĺ	ı	I					7





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: 09/21/06

Reporting Date: 09/25/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Sampling Date: 09/21/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF Analyzed By: BC/HM

	GRO	DRO	
	$(C_{6}-C_{10})$	(>C ₁₀ -C ₂₈)	CI#
LAB NUMBER SAMPLE ID	(mg/Kḡ)	(mg/Kg)	(mg/Kg)

ANALYSIS DATE	09/23/06	09/23/06	09/22/06
H11557-1 CBH-20'	<10.0	100	32
H11557-2 EBH-20'	<10.0	21.2	352
H11557-3 WBH-20'	₹10.0	<10.0	384
- management of the state of th			ļ
Quality Control	740	756	950
True Value QC	800	800	1000
% Recovery	92.5	94.5	95.0
Relative Percent Difference	0.3	0.7	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB *Analyses performed on 1:4 w:v aqueous extracts.

Burgett An Coth

Date

H11557A





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: 09/21/06

Reporting Date: 09/25/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3

Project Location: NOT GIVEN

Sampling Date: 09/21/06

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: BC

LAB NUMBER	SAMPLÉ ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT	E	09/22/06	09/22/06	09/22/06	09/22/06
H11557-1	CBH-20'	< 0.005	< 0.005	< 0.005	<0.015
H11557-2	EBH-20'	< 0.005	<0.005	<0.005	<0.015
H11557-3	WBH-20'	<0.005	<0.005	<0.005	<0.015
Quality Control		0.106	0.103	0.106	0.297
True Value QC		0,100	0.100	0.100	0.300
% Recovery		106	103	106	98.8
Relative Percer	nt Difference	6.52	4.3	6.7	4.0

METHOD: EPA SW-846 8260

Chemist AG Corke

Date

9/25/06

Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240 505-393-2326 Fax 505-393-2476

211.1 Beachwood, Abilene, TX 79603 915-673-7001. Fax 915-673-7020.

CIHER >>> LCLP Ηα C.cos) Satragues Fax Results To Pat McCasland 505-394-2501 CHLORIDES (CI) × METOS HYT × × × BICOS X3TR 11:05 三型 11,30 11:00 SAMPLING HEMANKS: CoC requested. Monument, NM-88265 Apache Corporation 9/21/08 ATT: Mike Warren 9/21/06 9/21/06 DATE P.O. Drawer D HEHTO PRESERV. KERCOOF ACIOVARSE : ABHTO ted by: ฮอดการ MATHIX CHUDE OIL TIOS XXX MASTEWATER **ВЕТАМ ОИПОЯТЕЯ** Saprific Cool & Intach 505-384-3481 / 505-394-2501 # CONTAINERS Eunice New Moxico 88231 Environemental Plus, Inc. × (d) RO BAR(D) My On Co Apache Corporation Selby Maveety #3 Pat McCasiand P.O. BOX 1558 SAMPLEID Kurt Tyree \$240015 EBH-20 WBH-20 CBH-20 EPI Project Manager EPI Sampler Name Project Reference EPI Phone#/Fax# Company Name Billing Address Client Company City, State, Zip Facility Name LAB LD.





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: 10/03/06

Reporting Date: 10/06/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Sampling Date: 09/27/06

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: BC

LAB NUMBER	ŜAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mĝ/Kg)
ANALYSIS DAT		10/05/06	10/05/06	10/05/06	10/05/06
H11600-1	SW-3 (3')	<0.005	<0.005	<0.005	<0.015
H11600-2	SW-4 (3')	<0.005	<0.005	<0.005	<0.015
H11600-3	SW-5 (3')	<0.005	<0.005	<0.005	<0.015
H11600-4	SW-6 (3')	<0.005	< 0.005	<0.005	<0.015
H11600-5	SW-7 (3')	<0.005	<0.005	<0.005	<0.015
H11600-6	SW-8 (3')	< 0.005	<0.005	<0.005	<0.015
H11600-7	SW-9 (3')	<0,005	<0.005	<0.005	<0.015
		0.405	0.000	0.400	0.000
Quality Control		0.105	0.099	0.100	0.289
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	98.9	100	96.5
Relative Percer	nt Difference	0.9	0.1	2.8	2.7

METHOD: EPA SW-846 8260

Date

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 waited unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service, the polygraph 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 substituties, affiliates of 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.





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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: PAT McCASLAND

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 10/03/06 Reporting Date: 10/06/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Sampling Date: 09/27/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM Analyzed By: BC/HM

DRO

LAB NUMBER SAMPLE ID	(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE	10/05/06	10/05/06	10/05/06
H11600-1 SW-3 (3')	<10.0	<10.0	80
H11600-2 SW-4 (3'),	<10.0	<10.0	<16.
H11600-3 SW-5 (3')	<10.0	<10.0	<16
H11600-4 SW-6 (3')	<10.0	<10.0	112
H11600-5 SW-7 (3')	<10.0	<10.0	32
H11600-6 SW-8 (3')	<10.0	<10.0	<16
H11600-7` SW-9 (3')	<10.0	<10.0	<16
Quality Control	776	780	490
True Value QC	800	800	500
% Recovery	97.0	97.5	98.0
Relative Percent Difference	7.8	0.2	0.0

GRO

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl⁺: Std. Methods 4500-Cl⁺B *Analyses performed on 1;4 w:v agueous extracts.

Ruyelf A Cook

Date

H11600A

PLEASE NOTE: Liability and Damages; Cardinal's liability and client's exclusive remedy for any claim ansing, 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 whatspeer shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the supplicible services 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 regions or otherwise.

Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240 505-393-2326 Fax 505-393-2476

2111 Beechwood, Abilene, TX 79603 915-673-7001 Fax 915-673-7020

	ax 505-393-247.6					J 1.C)-U-/	3-70	JU, 1				73-7020													
Company Name	Environmental Plus	Inc	:			43.5					Bill	To						ANA	LY	SIS	RE	QU	EST	-		-
EPI Project Mana	<u> </u>					,														,			-	T		
Billing Address	P.O. BOX 1558							A	pa	che	C_0	ərp	oration	L					ŝ		, .			. 1		
City, State, Zip	Eunice New Mexico	882	31					•				-	er D												,	
EPI Phone#/Fax#	505-394-3481 / 505-3	94-	260	1		,	,	N Æ.					M 8826	.E.												1
Client Company	Apache Corporation						•							13									Ì			
Facility Name	Selby Maveety #3							P	$\mathbf{X}\mathbf{T}^*$	I:,N	Лik	e V	Varren												1	
Project Reference						4																			.	
EPI Sampler Nan	ne Kurt Tyree					,											1		,		'			1	. [
		5		<u>. </u>		MA	TRIX		;	PR	ESE	RV.,	SAMP	LING							ŀ	•				
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	отнея:	ACID/BASE	ICE/C00F	отней	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI)	SULFATES (SO4")	Hd	TCLP	OTHER >>>	3		,	4.	
H11400 - 1	SW-3 (3')	χ	. 1			Х	1				X		9/27/06	10:40	X	X	X			1						
2	SW-4 (3')	X	1.			X		,	1		X		9/27/06	10:45	X	X	X		1							
3	SW-5 (3')	X	1			X			1		X		9/27/06	10:50	X	Х	X.			·						
	SW-6:(3')	X	1			X					X		9/27/06	10:55	X	X	X	,								
	SW-7 (3¹)	X	1			X					X		9/27/06	11:00	X		X.									
	SW-8 (3')	X	1	L		X					Х		9/27/06	11:05	Х	_		<u> </u>	_							
7	SW-9 (3')	X	1.		<u> </u>	X			1		X		9/27/06	11:10	X	Х	X									
.8			<u> </u>		L	<u> </u>		:	L		L				L		<u></u>	<u> </u>		<u> </u>	L	L	L		·	
	***	<u> </u>	<u> </u>	<u> </u>			<u> </u>	:	<u> </u>	<u> </u>					Ļ_	<u> </u>	<u> </u>		<u>L</u> .	_	<u> </u>	_	<u> </u>	Щ		
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Sampler Relinquished: Relinquished by: Delivered by:	Pro U3 U3 U3 U3 U3 U3 U3 U	Reice Y	eived 1 & Int	By: (ab st			gye.	•				suits To Pa S: CoC reques		and 5	605-3	194-2	2601								





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: 10/03/06 Reporting Date: 10/06/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Rélative Pércent Difference

Sampling Date: 10/02/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM Analyzed By: BC/HM

0.2

(0/6/66 Date 0.0

LAB NUMBER	R SAMPLE ID	GRO (C ₆ -C ₁₀) (mġ/Kġ)	DRO (>Ĉ ₁₀ -Ĉ ₂₈) (ṁg/Kg)	CI* (mg/Kg)
ANALYSIS DA	NTE	10/05/06	10/05/06	10/05/06
H11599-1	SW-1 (3')	<10.0	<10.0	96
H11599-2	SW-2 (3').	<10.0	<10.0	128
H11599-3	SW-10 (3')	<10.0	<10.0	64
H11599-4	SW-11 (3')	<10.0	<10.0	64
H11599-5	SW-12 (3')	<10.0	<10.0	32
Quality Contro	SI	788	7,58	490
True Válue Q		800	800	500
% Recovery		98.5	94.8	98.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CIT Std. Methods 4500-CITB *Analyses performed on 1:4 w:v aqueous extracts.

2.1

H11599A

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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: 10/03/06 Reporting Date: 10/06/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Sampling Date: 10/02/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENŽENE (mg/Kg)	TÖLÜENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DAT	E .	10/04/06	10/04/06	10/04/06	10/04/06
H11599-1	SW-1_(3')	<0.005	<0.005	<0.005	<0.015
H11599-2	SW-2 (3')	<0.005	<0.005	<0.005	<0.015
H11599-3	SW-10 (3')	<0.005	<0.005	<0.005	<0.015
H11599-4	SW-11 (3')	<0.005	<0.005	<0.005	<0.015
H11599-5	SW-12 (3')	<0.005	<0.005	<0.005	<0.015
	- 19				
<u></u>	* APAC				
Quality Control		0.105	0.099	0.100	0.289
True Value QC		0.100	0.100	0.100	0.300
% Recovery		105	98.9	100	96.5
Relative Percer	t Difference	0.9	0.1	2.8	2.7

METHOD: EPA SW-846 8260

Buy MA Colly Chemist

10/6/06 Date

Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240 505-393-2326 Fax 505-393-2476

21/11 Beechwood, Abilene, TX 79603 915-673-7001 Fax 915-673-7020

Company Name	Environmental Plus	, Inc	1							100 A	Bill	To			1			AN	ALY	SIS	RE	QU	EST		
EPI Project Mana	ager Pat McCasland														1									T	
Billing:Address:	P:O. BOX 1558							A	pa	che	C	orp	oration	1	,	j			;			4			
City, State, Zip	Eunice New Mexico	882	231						_			_	er D				ľ								
EPI Phone#/Fax	# 505-394-3481 / 505-	394-	260	1				N.T.						. =	1						ľ		,	, 1	
Client Company	Apache Corporation												M 8826					÷	; ,						ı
Facility Name:	Selby Maveety #3							, P	Y I .	I: N	Лik	ce"V	Varren					,	ì						
Project Reference																*			,						
EPI Sampler Nar	me Kurt Tyree							_									i '					, '			
						MA	TRIX			PR	ESE	RV.	SAME	PLING]										
LAB IID.	.SAMPLE∰D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	отне я:	ACID/BASE	ICE/COOL	отнев	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI)	SULFATES (SO4)	Hd	TCLP	OTHER >>>	,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
HU599- 1	SW-1 (3')	X.	. 1			X	1	*-			X		10/2/06	9:00	X	X	X						,		
2	SW-2 (3')	: X	, 1	_		Х			. ;		X		10/2/06	9:05:	X	X	X								
3	SW-10 (3')	X	1	5		X		Ţ		:	X	1	10/2/06	11:00	X	X	X						i,		
	SW-11 (3')	X	1	,		X		,	<u> </u>		X		10/2/06	11:05	X	X	X				<u> </u>		, .		
5	SW-12 (3')	1 X ,	1	<u> </u>		X					X.		10/2/06	11:10	X	X	X								
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.10	l	<u> </u>		L	<u> </u>			<u> </u>			1	<u>. </u>									MATERIAL AND ADDRESS OF				
Sampler Relinquished Relinquished by: Delivered by:	Pag 23/06 Tind 3: 49 Date (0/3/06) Tune 4: 27 pm	Rec	[] - -	By: (I	ab stu	N N	Ch	ecked					sults To Pa S: CoÇ reque		and 5	605-3	394-2	2601							



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) 394-2601

Receiving Date: 10/13/06 Reporting Date: 10/23/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3

Project Location: NOT GIVEN

Sampling Date: 10/12/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: BC

LAB NO: SAMPLE ID	GRÓ (C ₆ -C ₁₀) (mg/Kg)	DRO (>C₁₀-C₂৪) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:	10/20/06	10/20/06	10/20/06	10/20/06	10/20/06	10/20/06
H11660-3 SB1-23'	<10.0	< 10.0	<0:005	<0:005	< 0.005	0.015
			14.00			
Quality Control	784	744	0.105	0.094	0.098	0.281
True Value QC	800	800	0.100	0:100	0,100	0.300
% Recovery	98.0	93.0	105	94.4	97.8	93.6
Relative Percent Difference	0.1	6,4	4:7	7.1	4.0	4.7

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

H11660A

PLEASE NOTE: Liability and Damages. Cardinal's hability 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



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: 10/13/06 Reporting Date: 10/16/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3

Project Location: NOT GIVEN

Analysis Date: 10/16/06 Sampling Date: 10/12/06

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

		CI
LÀB NO.	SAMPLE ID	(mg/Kg)
H11660-1	SB1-13'	528
H11660-2	SB1-18'	496
H11660-3	SB1-23'	272
H11660-4	SB1-28'	160
H11660-5	SB1-33'	80
,		
Quality Con	trol	500
True Value	QC	500
% Recovery		100
Relative Pe	rcent Difference	2.0

METHOD: Standard Methods 4500-CIB

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

H11660

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 experience. In no event shall Cardinal be hable 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.

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101 East Marland, Hobbs, NM 88240 505-393-2326 Fax 505-393-2476

2111 Beechwood, Abilene, TX 79603 915-673-7001 Fax 915-673-7020

Company Name	Environm	ental Plus	, Inc). 								Bill	To						ANA	ALY	SIS	RE	QU	EST	73	Ŋ,	No.
EPI Project Mana	ager Pat McCa	sland									->																
Billing Address	P.O. BOX	1558							A	pac	he	C	orp	oration	ı								,				
City, State, Zip		ew Mexico	882	231						P.	O.	Dr	aw	er D	:	۱.		;				,					
EPI/Phone#/Fax#	505-394-3	481 / 505-3	94-	260	1:			٠,	W.	****	****	m f	NT	N / 220	5	, ,			,	ĺ							
Client Company	Apache Co	orporation						j						M 8826				1						,	١		
Facility Name	Selby Ma	veety #3							Α	Γ	: N	lik	ce V	Varren	:						·		i				
Project Referenc	e #240015														;					•				·	١		i
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	SB1-18"		G	1			X					X		10/12/06	1:15	Π		X		·	: :						
z 3	SB1-23'		G	1.			X					X		10/12/06	1:47	X	X	X									
-44	SB1-28'		G	1	1		X					X		10/12/06	2:22			X									
5 🚽 5	SB1-33"		G	1		1.	X					Х		10/12/06	3:32			X	1		: 1						
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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: 10/13/06 Reporting Date: 10/16/06

Project Owner: APACHE CORPORATION (#240015)

Project Name: SELBY MAVEETY #3
Project Location: NOT GIVEN

Analysis Date: 10/16/06 Sampling Date: 10/13/06 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

CI LAB.NO. SAMPLE ID (mg/Kg) H11659-1 SB2-13¹ 128 H11659-2 SB2-18' 160 H11659-3 SB2-23' 160 H11659-4 SB3-13' 480 H11659-5 SB3-18' 240 H11659-6 SB3-23' 144 H11659-7 SB3-28' 192. Quality Control 500 True Value QC 500 % Recovery 100 Relative Percent Difference 2.0

METHOD: Ständard Methods 4500-CIB

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

Chemist

Date

H11659

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Cardinal Laboratories Inc.

101 East Marland, Hobbs, NM 88240 505-393-2326: Fax:505-393-2476

2111 Beechwood, Abilene, TX 79603 915-673-7001 Fax 915-673-7020

Company Name	Environmental Plus	, Inc	;.	,							Bill	To						AN	ALLY	SIS	RE	QU	EST			ΔK
EPI Project Man						:				_									1							Г
Billing Address	P.O. BOX 1558					7		A	pac	che	C	orp	oration	n				,	į							
City, State, Zip	Eunice New Mexico	882	31						Ρ.	O.	Dr	aw	er D						•							
EPI Phone#/Fax	# 505-394-3481 //505-3	94-	260	11:			;	NAG					M 8826	55 '	1	l	1	i,	1							
Client Company	Apache Corporation					ľ	-												;						ľ	
Facility Name	Selby Maveety #3							P	7.1.1	.;. N	/11k	e V	Varren	•		1		1				.				
Project Referen						.										l						ŀ				ľ
EPI Sampler Na	me George Blackburn														j								i i			
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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN P.O. BOX 1558

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

Receiving Date: 03/02/07 Reporting Date: 03/02/07

Project Owner: APACHE CORPORATION (240015)

Project Name: SELBY MAVEETY #3

Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/02/07 Sampling Date: 03/01/07

Sample Type: SOIL

Sample Condition: COOL&INTACT

Sample Received By: LB

Analyzed By: HM

~-

	Cl
LAB NO. SAMPLE ID	(mg/Kg)
H12292-1 SP-2 (14')	240
H12292-2 SP-4 (14')	176
H12292-3 SP-5 (14')	320
H12292-4 SP-7 (14')	80
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	1.0

METHOD: Standard Methods 4500-Cl'B

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

Hope I Noveno

03-62 -67

Date

H12292

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim ansing, 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 ansing 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.

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

LAB: Cardinal

	FAX: (505) 394-200						22.07				attie	Talamit - Ta	,		iz m		Venez.						-	سنجنب		-
Company Name		nental Plus	, Inc	<u>. </u>								E	IIII	Ö .			Biston	A	VAL	YS	SR	EQ	UES	T		
EPI Project Mana																										
Mailing Address																										
City, State, Zip		lew Mexico	_									ha	۰.,	poration									1		l	
EPI Phone#/Fax#	‡ 5 <u>05-3</u> 94-	3481 / 505-3	394-	260	1									nn Burks											1	
Client Company	Apache C	orporation								~				728												
Facility Name	Selby Ma									(is 79731												l
Location		ct. 20, T19S	, R	37E						Ì	J. u.	,	. 0710				:									
Project Reference															:								1	. 1	. 1	ĺ
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~ 3	SP-5 (14')		G	1			Х					X		01-Mar-07	11:30			X								
- 4	SP-7 (14')		G	1			Х					<u> </u>		01-Mar-07	11:45	<u> </u>	<u></u>	X								
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Analytical Report

Prepared for:

David P. Duncan
Environmental Plus, Incorporated
P.O. Box 1558
Eunice, NM 88231

Project: Apache/ Selby Maveety #3
Project Number: 240015

Location: UL-C, Sec. 20, T19S, R37E

Lab Order Number: 7C08007

Report Date: 03/13/07

Environmental Plus, Incorporated

Project Apache/ Selby Maveety #3

PO Box 1558

Eunice NM, 88231

Fax 505-394-2601

Project Number. 240015

Project Manager, David P Duncan

ANALYTICAL REPORT FOR SAMPLES

Sample 1D	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1B 16'	7C08007-01	Soil	03/06/07 07 00	03-08-2007 12.50
SP-3C 18'	7C08007-02	Soil	03/06/07 07.05	03-08-2007 12.50
SP-13B 18'	7C08007-03	Soil	03/06/07 07.35	03-08-2007 12.50

Environmental Plus, Incorporated

P.O. Box 1558 Eunice NM, 88231 Project Apache/ Selby Maveety #3

Project Number 240015

Project Manager. David P. Duncan

Fax 505-394-2601

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1B 16' (7C08007-01) Soil					·				
Chloride	497	10 0	mg/kg	20	EC71311	03/13/07	03/13/07	EPA 300 0	
SP-3C 18' (7C08007-02) Soil									
Chloride	135	5 00	mg/kg	10	EC71311	03/13/07	03/13/07	EPA 300 0	
SP-13B 18' (7C08007-03) Soil									
Chloride	20.3	5.00	mg/kg	10	EC71311	03/13/07	03/13/07	EPA 300 0	

Environmental Plus, Incorporated

Project. Apache/ Selby Maveety #3

PO Box 1558

Project Number. 240015

Eunice NM, 88231

Project Manager David P Duncan

General Chemistry Parameters by EPA / Standard Methods - Quality Control Environmental Lab of Texas

				<u> </u>						
Analida	Dlt	Reporting	Harris	Spike	Source	0/DEC	%REC	DDD	RPD	NI 4
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EC71311 - General Preparation (We	etChem)									
Blank (EC71311-BLK1)				Prepared &	. Analyzed	03/13/07				
Chloride	ND	0 500	mg/kg							
LCS (EC71311-BS1)				Prepared &	. Analyzed	03/13/07				
Chloride	12 0		mg/L	10 0		120	80-120			
Calibration Check (EC71311-CCV1)				Prepared &	Analyzed	. 03/13/07				
Chloride	11 4		mg/L	10 0		114	80-120			<u> </u>
Duplicate (EC71311-DUP1)	Sour	ce: 7C08007	-01	Prepared &	Analyzed	. 03/13/07				
Chloride	497	10 0	mg/kg		497			0 00	20	
Duplicate (EC71311-DUP2)	Sour	ce: 7C09002-	-08	Prepared &	Analyzed	03/13/07				
Chloride	419	100	mg/kg		421			0 476	20	
Matrix Spike (EC71311-MS1)	Sour	ce: 7C08007-	-01	Prepared &	Analyzed	. 03/13/07				
Chloride	682	10 0	mg/kg	200	497	92 5	80-120			
Matrix Spike (EC71311-MS2)	Sour	ce: 7C09002-	-08	Prepared &	Analyzed	03/13/07				
Chloride	612	10 0	mg/kg	200	421	95 5	80-120			

Fax. 505-394-2601

Environmental Plus, Incorporated Project. Apache/ Selby Maveety #3 Fax. 505-394-2601

P O Box 1558 Project Number. 240015
Eunice NM, 88231 Project Manager David P. Duncan

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:

Date:

Brent Barron, Laboratory Director/Corp. Technical Director Celey D. Keene, Org. Tech Director Raland K. Tuttle, Laboratory Consultant James Mathis, QA/QC Officer Jeanne Mc Murrey, Inorg. Tech Director

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

A Xenco Laboratories Company

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 4 of 4

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

LAB:

ELT

(444) 44 . 4 . 4 .																									
Company Nam	e Environn	nental Plus	, Inc	c.								E	311137	O. H. H.		7.		A	NAL	YS!	ISA	EQ	UES	丌	
EPI Project Ma	nager David P.	Duncan																						П	
Mailing Addres	s P.O. BOX	(1558			***************************************																				
City, State, Zip	Eunice N	ew Mexico	882	231	***************************************					_			_												1
EPI Phone#/Fa	x# 505-394-3	3481 / 505-3	394-	260	1]				-			poration											l
Client Compan	y Apache C	orporation					1			A				inn Burks x 728											
Facility Name	Selby Ma	veety #3								,				as 79731										1	
Location	UL-C, Se	ct. 20, T199	S, R	37E						`	Ji ai	16,	I CAC	15 / 5/ 5 !											l
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LABI.D.	SAMPLE I.	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	отнев:	ACID/BASE	ICE/COOL	отнея	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI)	SULFATES (SO4")	Hd	TCLP	OTHER >>>	РАН		
·d	1 SP-1B (16')		G	1			X					X		06-Mar-07	7:00			X							
-d -62	2 SP-3C (18')		G	1			Х					X		06-Mar-07	7:05			X							
-03	3 SP-13B (18')		G	1			Х					X		06-Mar-07	7:35			X							
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Relinquished by: Koga / Delivered by:	Soone	Date 3 - 8 Time 2:50	1 (ea	By: (I	ab sta	hff) / (ecked		<i>)</i>	2601	rest	ectively	•	,		ing t		n-19-6(1)		- 1-1-1-10	CONTRACTOR OF THE CONTRACTOR O	. (000	,
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Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In Client: Date/ Time: Lab ID #: Initials: Sample Receipt Checklist Client Initials ° C No 0,5 Temperature of container/ cooler? Yes Shipping container in good condition? X es No Custody Seals intact on shipping container/ cooler? Yes No Not Present Custody Seals intact on sample bottles/ container? 183 No Not Present /es Chain of Custody present? No Sample instructions complete of Chain of Custody? Yes No Chain of Custody signed when relinquished/ received? Yes No (Yes) Chain of Custody agrees with sample label(s)? No ID written on Cont./ Lid \$es Container label(s) legible and intact? No Not Applicable #10 Sample matrix/ properties agree with Chain of Custody? YES No Containers supplied by ELOT? No **Yes** YES #12 Samples in proper container/ bottle? No See Below #13 Samples properly preserved? Yes No See Below #14 Sample bottles intact? Yes No #15 Preservations documented on Chain of Custody? Yes No #16 Containers documented on Chain of Custody? Yes, No #17 Sufficient sample amount for indicated test(s)? 108 No See Below #18 All samples received within sufficient hold time? ves No See Below #19 Subcontract of sample(s)? Yes No Not Applicable #20 VOC samples have zero headspace? Yes No Not Applicable **Variance Documentation** Contacted by: Contact: Date/ Time: Regarding:

Contact: Contacted by: Date/ Time: Regarding: Corrective Action Taken: Check all that Apply: See attached e-mail/ fax Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



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

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 **EUNICE, NM 88231** FAX TO: (505) 394-2601

Receiving Date: 03/14/07 Reporting Date: 03/15/07

Project Owner: APACHE CORPORATION Project Name: SELBY MAVEETY #3 (240015) Project Location: UL-C, SECT. 20, T19S, R37E Analysis Date: 03/15/07

Sampling Date: 03/08/07 - 03/13/07

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

		C
LAB NO. S	SAMPLE ID	(mg/Kg)
H12335-1 S	SP-10E (24')	192
H12335-2 S	SP-21A (16')	96
H12335-3 S	SP-22A (16')	320
H12335-4 S	SP-25A (16')	432
H12335-5 S	SP-26A (16')	352
H12335-6 S	SP-17 (16')	224
H12335-7 S	SP-18A (16')	352
H12335-8 S	SP-29 (14')	48
H12335-9 S	P-30A (13')	352
Quality Control		500
True Value QC		500
% Recovery		100
Relative Perce	nt Difference	1.0

METHOD: Standard Methods 4500-CIB

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

H12333

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 subsidianes, 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

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

LAB: Cardinal

(505) 394-3481 FAX: (505) 394-2601																										
Company Name Environmental Plus,		, Inc				BillTo								ANALYSIS REQUEST												
EPI Project Manager David P. Duncan																							\Box			
Mailing Address P.O. BOX 1558																										
City, State, Zip		ew Mexico	882	31				Amanha Camanntian																		
EPI Phone#/Fax		481 / 505-3	394-	260	1		Apache Corporation Attn: Mr. Guinn Burks																			
Client Company Apache Corporation								P.O. Box 728																	/	
Facility Name Selby Maveety #3								P.U. Box 728 Crane, Texas 79731																		
Location UL-C, Sect. 20, T19S), R	37E			ľ				J. a.	٠,	· UA	20 70701												
Project Reference 240015																										
EPI Sampler Nar	ne Danny De	aton																								l
						MA.	TRIX	RIX PRE			RESERV.		SAMPLING													
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— 2 SP-21A (16')		G	1			X					X		12-Mar-06	11:15			Χ									
3 SP-22A (16')		G	1	L_	L_	X	L				X		12-Mar-07	11:30			X									
	SP-25A (16')		G	1			Х	<u> </u>	<u> </u>		<u>L</u>	X		12-Mar-07	14:15			Х				<u> </u>				
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Sampler Relinquished: 3/14/2007		Received By:							E-mail results to: dduncan@envplus.net																	
while Matheut Time 3:481		in									RUSH ORDER: E-mail or fax laboratory analytical results to dduncan@envplus.net or (505) 394- 2601, respectively															
Relinquished by: Time		Rece	Received By: (lab staff)) O#	1			,													
		Sample Yes			act/			Ch	ecke	ГВу:	,															



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

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

Receiving Date: 03/19/07 Reporting Date: 03/19/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/19/07 Sampling Date: 03/16/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: LB

Analyzed By: HM

CI SAMPLE ID LAB NO. (mg/Kg) H12355-1 TT-5 (32') 112 TT-6 (22') H12355-2 880 H12355-3 TT-7 (22') 320 H12355-4 BG-1 464 Quality Control 500 True Value QC 500 % Recovery 100 Relative Percent Difference 4.1

METHOD: Standard Methods 4500-CI'B

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

Chemist

03-19-07 Date

H12355

Environmental Plus, Inc.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

H12355

LAB: Cardinal

(505) 394-3481 FAX: (505) 394-2601											ļ	71222	ر د												
Company Name Environmental Plus, I			c.			Bill To								ANALYSIS REQUEST											
EPI Project Manager David P. Duncan																								T	\Box
Mailing Address P.O. BOX 1558																1								1	١
City, State, Zip Eunice New Mexico 8			231														i	i							
EPI Phone#/Fax# 505-394-3481 / 505-39				94-2601				Apache Corporation										١	i						
Client Company Apache Corporation							Attn: Mr. Guinn Burks P.O. Box 728									ı									
Facility Name Selby Maveety #3							P.O. Box 728 Crane, Texas 79731																		
Location UL-C, Sect. 20, T19S,									`	O a	ııc,	CAC	45 75701												
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Delivered by: Sample				tact Vo		Checked By:																			



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

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

Receiving Date: 03/22/07 Reporting Date: 03/22/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/22/07 Sampling Date: 03/21/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

	Cl
LAB NO. SAMPLE ID	(mg/Kg)
H12373-1 SW-11 (27')	496
H12373-2 SW-11 (21')	32
H12373-3 SW-15 (25')	464
H12373-4 SW-15 (19')	688
H12373-5 SW-19 (25')	400
H12373-6 SW-19 (19')	480
Quality Control	500
True Value QC	500
% Recovery	100
Relative Percent Difference	0.0

METHOD: Standard Methods 4500-CIB

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

Chemist

63-22-7

Date

H12373

PLEASE NOTE. Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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.

Chain of Custody Form

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

P.O. Box 1558, Eunice, NM 88231

	FAX: (505) 394-2601						Cognosini -	0495 H 2:	31 to	and all	occupation.					120222		ere e e	-	-	-				
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Client Company	Apache Co	rporation]			^				x 728		l									
Facility Name	Selby May											-	-	as 79731											
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_ 3	SW-15 (25')		G				X					Х		21-Mar-07	8:30			X							
- 4	SW-15 (19')		G	_		L	Х	<u> </u>				Х		21-Mar-07	8:35			X							
- 5	SW-19 (25')		G	_		L	X			<u> </u>	L	X		21-Mar-07	8:40		L	X							
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PHONE (505) 393-2326 - 101 E MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 **EUNICE, NM 88231** FAX TO: (505) 394-2601

Receiving Date: 03/23/07 Reporting Date: 03/24/07

Project Owner: APACHE CORPORATION Project Name: SELBY MAVEETY #3 (240015)

Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/24/07 Sampling Date: 03/22/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: HM

CI LAB NO. SAMPLE ID (mg/Kg) H12378-1 SW-7A (27') 288 H12378-2 SW-8 (22') 16 H12378-3 SW-12 (27') 320 H12378-4 SW-16 (25') 192 SW-20 (25') H12378-5 240 H12378-6 SW-23 (12') 64 H12378-7 SW-24 (17') 272 H12378-8 SW-27 (12') 352 H12378-9 SW-8 (27') 176 H12378-10 SW-7A (22') 384 **Quality Control** 490 True Value QC 500 % Recovery 98 Relative Percent Difference 1.0

METHOD: Standard Methods 4500-CIB

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

Hose J. Moreno Chemist

H12378

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tord, 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

Chain of Custody Form

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

P.O. Box 1558, Eunice, NM 88231

	FAX: (505) 394-2601				_															.,.						
Company Name	Environment		nc.				11,0		13,	278	કરો જે	∵,`E	ill T	Of Pay Long	15 CA	v ./	4 5 1 33%	ζAl	VAL	YSI	SR	EQ	UES	ST .		
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Client Company			-							~				x 728			1									
Facility Name	Selby Maveet									(as 79731												
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LAB I.D.	SAMPLE I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	отнек	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI)	SULFATES (SO4")	Hd	TCLP	OTHER >>>	РАН			
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	SW-8 (22')		G	1			Х					Х	П	22-Mar-07	9:30			Х								
3	SW-12 (27')		G	1			X					Х		22-Mar-07	9:45			Х						; ;		
4	SW-16 (25')		G	1			X			Π		X		22-Mar-07	10:50			Х						,,,		L
5	SW-20 (25')		G	1			Х					X		22-Mar-07	11:00			Х								
6	SW-23 (12')		G	1			Х					X		22-Mar-07	11:15			Х								
7	SW-24 (17')		G	1			Х					Х		22-Mar-07	13:30			Х								
8	SW-27 (12')		G	1			X					X		22-Mar-07	14:30			Х								
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PHONE (505) 393-2326 - 101 E MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 03/28/07 Reporting Date: 03/28/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/28/07 Sampling Date: 03/23/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: HM

Analyzed By: HM

CIT SAMPLE ID LAB NO. (mg/Kg) H12391-1 SW-28 (17') 192 H12391-2 SW-31 (17') 896 560 H12391-3 SW-5A (22') H12391-4 SW-16A (20') 368 H12391-5 SW-24A (12') 192 H12391-6 TT-6 (32') 272 **Quality Control** 500 True Value QC 500 % Recovery 100 Relative Percent Difference 0.0

METHOD: Standard Methods 4500-CIB

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

Chemist

13-28-07

H12391

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

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601 P.O. Box 1558, Eunice, NM 88231

Company Name	Environmental Plus	s, Ind	 >.								В	illiT	O				Α	VAL	YS	ISIR	EQ	UES	T.		
EPI Project Mana		•				resmun.	A		**************************************	Activities (Co.	amorporpus » »		and the state of t				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
Mailing Address	P.O. BOX 1558																								ł
City, State, Zip	Eunice New Mexico	882	31						_			~													l
EPI Phone#/Fax#	505-394-3481 / 505	394-	260	1						-			poration												
Client Company	Apache Corporation								Αī				nn Burks x 728												
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PHONE (505) 393-2326 - 101 E MARLAND - HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN P.O. BOX 1558 EUNICE, NM 88231

FAX TO: (505) 394-2601

Receiving Date: 03/28/07 Reporting Date: 03/28/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/28/07 Sampling Date: 03/27/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

CI LAB NO. SAMPLE ID (mg/Kg) H12394-1 SW-5B (27') 272 H12394-2 SP-10 (28') 64 H12394-3 SP-14 (28') 144 H12394-4 SP-22 (18') 848 **Quality Control** 500 True Value QC 500 100 % Recovery Relative Percent Difference 0.0

METHOD: Standard Methods 4500-Cl'B

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

About J. Mareno-Chemist رہ- 8 ج- 37 Date

H12394

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

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601 P.O. Box 1558, Eunice, NM 88231

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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN P.O. BOX 1558

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

Receiving Date: 03/29/07 Reporting Date: 03/29/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: LIL C. SECT. 20, T108, B275

Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/29/07 Sampling Date: 03/28/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: BC

Analyzed By: HM

	CI
LAB NO. SAMPLE ID	(mg/Kg)
H12397-1 SWW-6C (26')	384
H12397-2 SP-6 (32')	160
H12397-3 SP-18 (29')	208
H12397-4 SW-31 (12')	400
Quality Control	400
True Value QC	490
	500
% Recovery	98
Relative Percent Difference	1.0

METHOD: Standard Methods 4500-CIB

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

Chemist

Date

H12397

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601 P.O. Box 1558, Eunice, NM 88231

Company Name	e Environme	ental Plus,	Inc	÷.							B)	βB	illi	O.				Al	JAL	ŶS	IS R	EQ	UES	T	
EPI Project Mar	nager David P. D	uncan																							
Mailing Addres	s P.O. BOX	1558																							
City, State, Zip	Eunice Ne	w Mexico	882	31			ĺ						~												
EPI Phone#/Fax	x# 505-394-34	181 / 505-3	94-	260	1		i				•			poration nn Burks											1
Client Company	y Apache Coi	rporation								Al				nn Burks x 728											
Facility Name	Selby Mav	eety #3								c				as 79731											
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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 03/29/07 Reporting Date: 03/29/07

Project Owner: APACHE CORPORATION
Project Name: SELBY MAVEETY #3 (240015)
Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/29/07 Sampling Date: 03/29/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: LB

Analyzed By: HM

METHOD: Standard Methods 4500-CI'B

NOTE: Analysis performed on a 1:4 w:v aqueous extract.

Chemist

H12398

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, 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.

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601 P.O. Box 1558, Eunice, NM 88231

Company Name			, In	C.								E	Bill 7	Го			Turda main	ΑN	JAL	YS	SR	EQ	UE	ST		
EPI Project Man																										
Mailing Address																										
City, State, Zip	Eunice Ne									Δ	nar	٠h۵	Cor	poration												
EPI Phone#/Fax		481 / 505-3	94-	260	1									inn Burks												
Client Company														x 728												
Facility Name	Selby May									(as 79731												
Location	UL-C, Sec	t. 20, T195	3, R	37E							, . w.	٠٠,	·	40.0101												
Project Referen																										
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ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 03/30/07 Reporting Date: 04/02/07

Project Owner: APACHE (#240015)
Project Name: SELBY MAVEETY #3

Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 03/30/07 Sampling Date: 03/30/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: NF

LAB NUMBER	SAMPLE ID	CI (mg/L)
H12407-1	SP-22 (19")	144
Quality Control		490
True Value QC		500
% Recovery		98.0
Relative Percent I	Difference	1.0

METHOD: Standard Methods 4500-CIB

NOTE: Analysis performed on a 1:4 w.v aqueous extract.

Chemist

Date

H12407

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, toss 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.

Chain of Custody Form

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

P.O. Box 1558, Eunice, NM 88231

(505) 394-3481 FA										##W				W	1 100									
Company Name	Environmental Plus	, Inc). 								E		0				A	NAL	YS	SIR	EQ	UES	T	
EPI Project Manage																								
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City, State, Zip	Eunice New Mexico									\na	-h-	۲۰-	poration											
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Client Company	Apache Corporation								~				x 728											
Facility Name	Selby Maveety #3					1			(as 79731											
Location	UL-C, Sect. 20, T199	3, R	37E							J. 41	٠٠,	·OA	40 10101											
Project Reference	240015																							
EPI Sampler Name	Danny Deaton														•								.	ı
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PHONE (505) 393-2326 • 101 E MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR ENVIRONMENTAL PLUS, INC. ATTN: DAVID P. DUNCAN

P.O. BOX 1558 EUNICE, NM 88231 FAX TO: (505) 394-2601

Receiving Date: 04/04/07 Reporting Date: 04/04/07

Project Owner: APACHE CORPORATION (240015)

Project Name: SELBY MAVEETY #3

Project Location: UL-C, SECT. 20, T19S, R37E

Analysis Date: 04/04/07

Sampling Date: 04/04/07 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: NF

Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl¯ (mg/L)
H12420-1 H12420-2	SW-11D (27') SW-15D (19')	176 464
11127202	OVV-10D (19)	404
Quality Control		490
True Value QC	*	500
% Recovery		98.0
Relative Percent (Difference	0.0

METHOD: Standard Methods 4500-CIB

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

Chemist

Date

H12420

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 waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal the liable for incidental or consequentual damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, 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

Chain of Custody Form

2100 Avenue O, Eunice, NM 88231 (505) 394-3481 FAX: (505) 394-2601 P.O. Box 1558, Eunice, NM 88231

Company Name	Environmental Plu	s, Ind).								E	illét	Ó	A BULLETIN ALL A CLEAN		XXX	A	NAL	YS	ISF	EQ	UES	T		ŠK.
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Mailing Address																			·						ı
City, State, Zip	Eunice New Mexic	o 882	231						_		_	_											-		
EPI Phone#/Fax#	† 505-394-3481 / 505	394-	260	1						-			poration							Į			l		1
Client Company	Apache Corporation								A				nn Burks k 728												ļ
Facility Name	Selby Maveety #3								(r 20 ns 79731		.										
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LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	отнев:	ACID/BASE	ICE/COOL	отнея	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (CI)		Hd	TCLP	OTHER >>>	РАН			
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~ 2	SW-15D (19')	G	1	<u> </u>		Х					X		03-Apr-07	15:20	<u> </u>		X	<u> </u>		<u> </u>					
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Sampler Relinquished: Consumption Relinquished by: Consumption Con	Sago	dc		en By: (1	B ab sta	00	L). Chi	eckec Na	1		RUS	H OR	esults to: ddund DER: If possible, e- Denvplus.net or rem	mail the resu	lts w	ithin 2					ncan	@			

APPENDIX III
SOIL BORING LOGS

Log Of Test Borings (NDTE - Page 1 of 1) Project Number: 240015 ENVIRONMENTAL PLUS, INC. CONSULTING AND Project Name: Apache Corporation - Selby Maveety #3 Flowline REMEDIAL CONSTRUCTION EUNICE, NEW MEXICO 505-394-3481 Location: UL-K, Section 35, Township 19 South, Range 36 East Surface Elevation: 3,615-feet amsl Boring Number: SB-1 Recovery (inches) PID Readings (ppm) Moisture Start Date: 10-12-06 Time:_ Tine Completion Date: 10-12-06 Time: _ Description -10 600 13' bgs - Bottom of Excavation - Caliche 15 0.0 560 18' CALICHE 20 0.0 480 23' SAND/Rock -25 28' SAND/Rock 0.0 240 30 0.0 160 33' SAND/Rock End of Soil Boring at 33' bgs -35 Water Level Measurements (feet)

Drilling Method: HSA 3.5' ID

Backfill Method:

Field Representative:

Bentonite

Date

Time

Sample

Depth

Casing

Depth

Cave-in

Depth

Water

Level

Log Of Test Borings

(NOTE - Page 1 of 1)



ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 240015

Project Name: Apache Corporation - Selby Maveety #3 Flowline

Location: UL-K, Section 35, Township 19 South, Range 36 East

Boring Number: SB-2 Surface Elevation: 3,615-feet amsl

		_	303-3				Boring	Number: SB-2 Surface Elevation: 3,615-feet amsl
Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Start Date: 10-16-06 Time: Completion Date: 10-16-06 Time: Description
				0.0	160		——————————————————————————————————————	13' bgs - Bottom of Excavation - Caliche
				0.0	160		——50 ——50	18' CALICHE
				0.0	160			
Date	Wate Time			Cosino			ter	Orilling Method: HSA 3.5' ID
		De	mple pth	Casing Depth	Cave-li Depth		vel	Backfill Methodi Bentonite
-	-		_		=		- 1	DUCKTIII ME THOOI BENTONITE
							— F	leld Representative: GB



ENVIRONMENTAL PLUS, INC.
CONSULTING AND
REMEDIAL CONSTRUCTION
EUNICE, NEW MEXICO
505-394-3481

Project Number: 240015

Project Name: Apache Corporation - Selby Maveety #3 Flowline

Location: UL-K, Section 35, Township 19 South, Range 36 East

Boring Number: SB-3 Surface Elevation: 3,615-feet amsl

0.0 480 13' bgs - Botton of Excavation - Caliche 18' CALICHE 18' CALICHE 23' SAND/Rock 23' SAND/					77 5701		ь	oring N	Number: SB-3 Surface Elevation: 3,615-feet amsl		
0.0 480 13' bgs - Bottom of Excavation - Caliche 18' CALICHE 18' CALICHE 23' SAND/Rock 23' SAND/Rock 23' SAND/Rock 23' SAND/Rock 23' SAND/Rock 240 28' SAND/Rock 25' bgs	Time	Sample Type	Recovery (inches)	Moisture	PID Readings (ppm)	Chloride Analysis (mg/Kg)	U.S.C.S. Symbol	Depth (feet)	Completion Date: 10-16-06 Time:		
0.0 490 13' bgs - Bottom of Excavation - Caliche											
	ı							10			
Date Time Sample Casing Depth					0.0	480		15			
Date Time Sample Casing Depth					0.0	300		20			
Water Level Measurements (feet) Date Time Sample Casing Cave-in Depth Depth Depth Depth Level Backfill Method: Bentonite Backfill Method: Bentonite					0.0	240		25 			
Date Time Sample Casing Cave-in Water Depth Depth Depth Level Backfill Method: Bentonite								30	End of Soil Boring at 28' bas		
Depth Depth Depth Level Backfill Methodi Bentonite	D. ±							n n	rilling Method: HSA 35' ID		
Backfill Method: Bentonite	97.00	IIM	ime Sample Casing Cave-in Water Depth Depth Depth Level		vel -						
									ACK+III Methodi Bentonite		
		 - -					 -		eld Representative: GB		

APPENDIX IV INITIAL NMOCD FORM C-141 FINAL NMOCD FORM C-141

District I 1625 N. French Dr., Hobbs, NM 88240 Dittrict II

1301 W. Ofand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztoc, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fo, 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								203			
		_	\sim			OPERA	TOR	(V) Initi	al Report	☐ Final Repor	rt.
Name of C	ompany	Apache	CORI	<u>>,</u>		Contact	• / L /	rru	······································		Ϋ́
Address	17 H	es3 44	ine			Telephone No(505) 441-4400					7
Facility Na		by Mar	ester	#3			ne Flow /				j
Surface Ov	vner Da,	rell 1	Benlden	Mineral	Owner	State	NM	Lease 1	Vo.	•	7
	-			LOC	ATIO	N OF RE	LEASE				
Unit Letter	Section	Township	Rango	Peet from the		South Line	Feet from the	East/West Line	County	•	٦
K	35	195	34E	2310	_	th	1650	West	Lea		
		1 . /3			<u> </u>	·	10 W. 103° 1				ل
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Type of Rele			Leale		UKE	OF REL		DO(a) Valorea T		20.44/	3
Source of Re		ole in	LINE			Volume of Release 100 BB/5 Volume Recovered 70 BB/5 Date and Hour of Occurrence Date and Hour of Discovery					┥
Was Immedi			<i>~/ x_</i> €			If YES, To Whom?					1
			-Y∝ E	No D Not R	equired		Caperto	,		•	
By Whom?	duh	HERRY				Date and E	lour 9/7/00		•		1
Was a Water	course Read					IFYES. Vo	luma Impactine t	he Watercourse.			1
	Was a Watercourse Reached? Yes No If YES, Volume Impacting the Watercourse.									-	
If a Watercon	HTA WAS YOU	nocted Decor	he Rulle 4			Щ	, 				1
Describe Cau	use of Problem F	em and Remed	ial Action	Taken.º	id.	Truck	sicalled .	and 411 fg	id Wa	o. Picked up.	
Describe Are	a Affected a	and Cleanup A	ction Tak	en.o	Vac	* 1200 +	C+ -Sout enck-5 p	n West h	gi Maisa all P	ety #3	- ::0
regulations al public health should their o	I operations of the environment	are required to onment. The ave failed to a Idition. NMO	report an acceptance dequately CD accept	d/or file certain r c of a C-141 repo investigate and r	clease no ort by the emediate	offications and NMOCD me	d perform correct trked as "Final Re on that pose a thre	derstand that pring ive actions for rele port ^a does not reli- at to ground water esponsibility for ec	ases which me eve the operate surface water	or of liability , human health	France C
		// · .					OIL CONS	ERVATION	DIVISION		
31mah	Frels the	m						•			

Approved by District Supervisor:

Approval Date:

Conditions of Approval:

Expiration Date:

Attached

'rinted Name:

ttach Additional Sheets If Necessary AHR, Pat M Casland

:- mail Address: Hab. Perry Q. Hs.A. apache Copp. com

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

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

Form C-141

Revised June 10, 2003

1220 South St. Francis Dr. side of form Santa Fe, NM 87505

	ion and Corrective Action						
Name of Company: Apache Corporation	R						
Address: P.O. Box 728	Telephone No.: 432-556-9143						
Crane, Texas 79731	2000 1000 1000 1000 1000 1000 1000 1000						
Facility Name: Selby Maveety #3 Flowline	Facility Type: 4-inch steel pipeline						
Surface Owner: DLD Resources Mineral Ow	vner: State of NM Lease No.						
LOCATIO	ON OF RELEASE						
Unit Letter Section Township Range Feet find L 35 T19S R36E the							
Latitude: 32° 36' 49.62"	Longitude: 103° 19' 52.26"W						
NATUR	E OF RELEASE						
Type of Release: Crude Oil and Produced Water	Volume of Release: 100 bbls Volume Recovered: 70 bbls						
Source of Release: 4-inch steel pipeline	Date and Hour of Occurrence: Date and Hour of Discovery. 9-7-06 AM 9-7-06 @3:00 PM						
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Required	If YES, To Whom? Pat Caperton						
By Whom? Hub Perry	Date and Hour: 9-7-06 @ 3:00 PM						
Was a Watercourse Reached? ☐ Yes ☑ No	If YES, Volume Impacting the Watercourse.						
If a Watercourse was Impacted, Describe Fully.*							
Describe Cause of Problem and Remedial Action Taker Internal/External Corrosion.	1:*						
Describe Area Affected and Cleanup Action Taken:* a) Approximately 2,900 ft ² of surface area was initially affected by the release; b) highly contaminated soils above NMOCD site remedial goals were excavated and disposed at Sundance Services, Inc., and Controlled Recovery Inc., while less impacted soils were transported to South Monument Waste Facility for treatment; c) laboratory analyses confirmed removal of most highly impacted soils above NMOCD remedial goals in sidewalls and bottom; d) approximately 7,674 yds ³ of impacted soil were excavated from a surface area of approximately 7,000 ft ² ; e) backfilled excavation with approximately 7,148 yds ³ of caliche and topsoil; f) contoured ground surface to allow natural drainage of the area; g) seeded area with blend preferred by 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: Sulliam Bush	OIL CONSERVATION DIVISION						
Printed Name: Guinn Burks	Approved by District Supervisor:						
Title: EH & S Technician-South/Central Permian	Approval Date: 6.27.07 Expiration Date:						
E-mail Address: guinn.burks@apachecorp.com Date: 6-21-07 Phone: 432-556-9143	Conditions of Approval:						
Attach Additional Sheets If Necessary							