

GW – 008

**GENERAL
CORRESPONDENCE**

YEAR(S): 2009 - 2013

CW-008

Lowe, Leonard, EMNRD

From: Bernie Bockisch [BBockisch@kleinfelder.com]
Sent: Thursday, November 10, 2011 10:47 AM
To: Lowe, Leonard, EMNRD
Cc: Thompson, Glen D
Subject: Monument Station Data
Attachments: 121960_02_FIG 3.pdf; 121960_02_FIG 4.pdf; 121960_01_FIG 1.pdf; 121960_02_FIG 2.pdf; Table 1 Soil Analytical Data.xls


Leonard,

I've attached maps showing the current status of the project for our discussion on Monday. Figure 1 shows the general location of the excavations in relation to each other and various site features (buildings, pipes, etc.). Figures 2, 3, and 4 show the current status of Areas 1, 2, and 3, respectively. I have also included a table of analytical and field screening results. Please feel free to contact me if you have any questions.

Bernard Bockisch
Sr. Project Manager

Kleinfelder, Inc.
9019 Washington NE, Building A
Albuquerque, NM 87113

o | 505.344.7373 x213
f | 505.344.1711
c | 505.401.1955

 11/14/11 Teleconf. w/ Bernard Bockisch
and Glen Thompson
T=9:00 A.M.(MST)

CC Requested an E-mail from
Owner/Operator pertaining to this
effort.

ATTACHED IMAGES: Images: temp-Monument Figures Revised_Page_2.jpg Images: temp-Monument Figures Revised_Page_1.jpg

CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\121960 - Monument Soil Remediation\2011-12-05\121960.dwg Figures\ LAYOUT: 1

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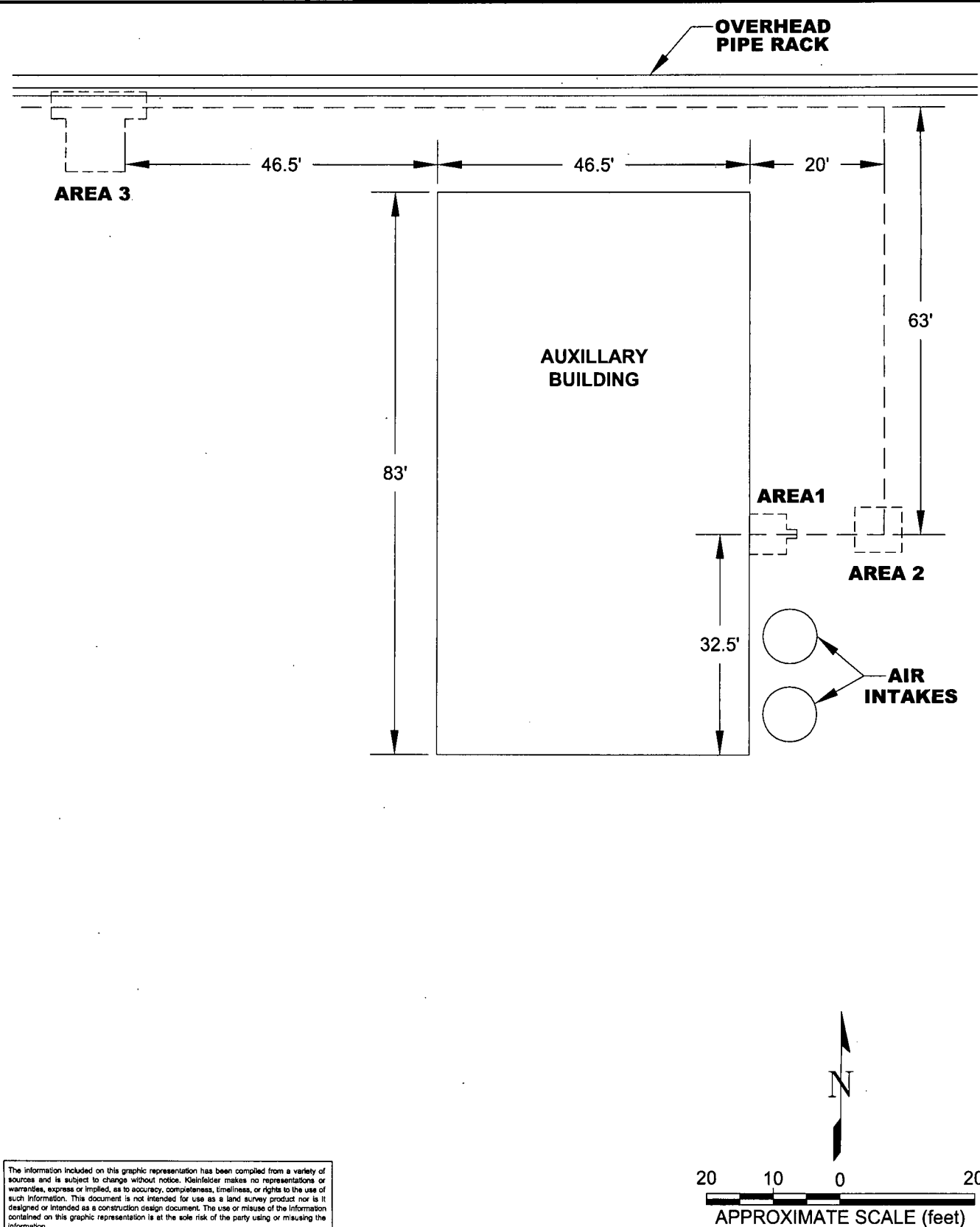
PROJECT NO.	121960
DRAWN:	11/2011
DRAWN BY:	MRG/PD
CHECKED BY:	BB
FILE NAME:	121960_01_00.dwg

SITE MAP

EL PASO NATURAL GAS
MONUMENT STATION
NEAR MONUMENT, NEW MEXICO

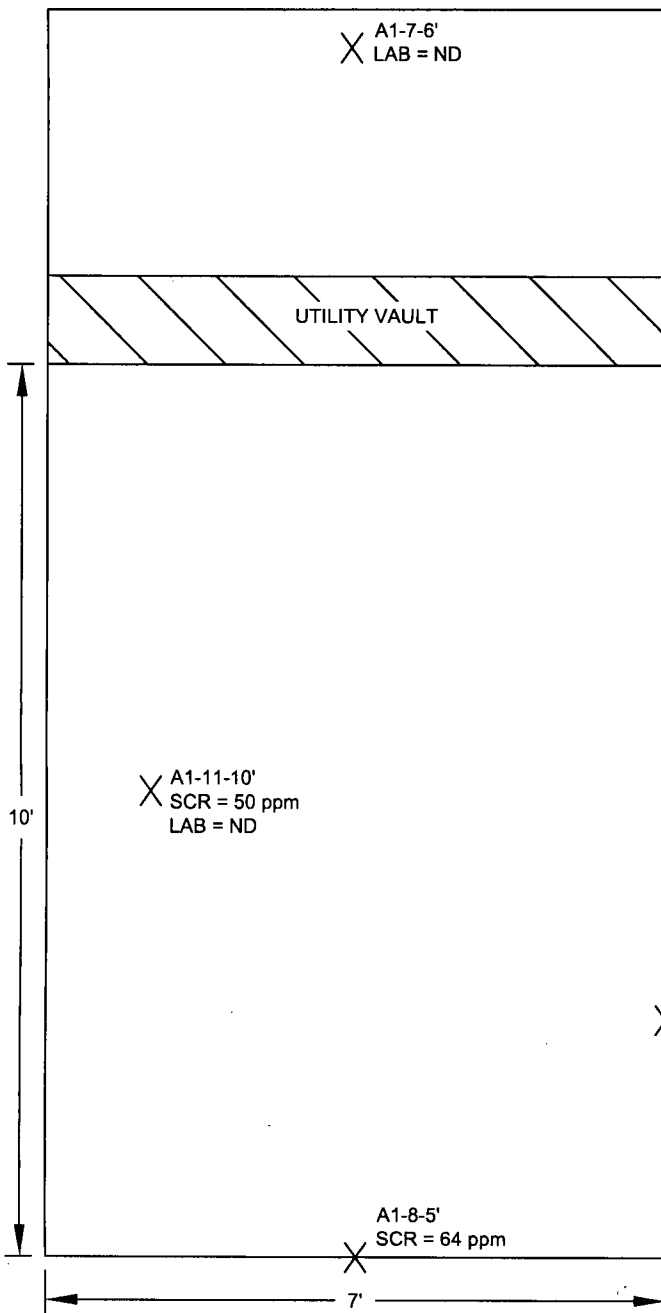
FIGURE

1



11.10.11 E-mail Attachment 2/5

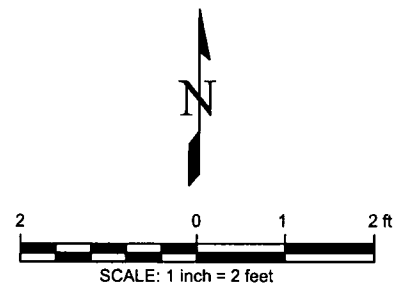
CAD FILE: G:\Environ\CURRENT WORK FOLDER PROJECTS\121960 - Monument Soil Remediation\2.0 Technical Information\2.8 - Technical-CADD Figures\ LAYOUT: L2



LEGEND

- X INDICATES APPROXIMATE SAMPLE LOCATION
- A1-11-10' SAMPLE ID (AREA-SAMPLE NUMBER, DEPTH, FEET)
- SCR PETROFLAG SCREENING RESULTS (ppm)
- LAB TOTAL PETROLEUM HYDROCARBONS (ppm)

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ATTACHED IMAGES:
ATTACHED XREFS:
ALBUQUERQUE, NM



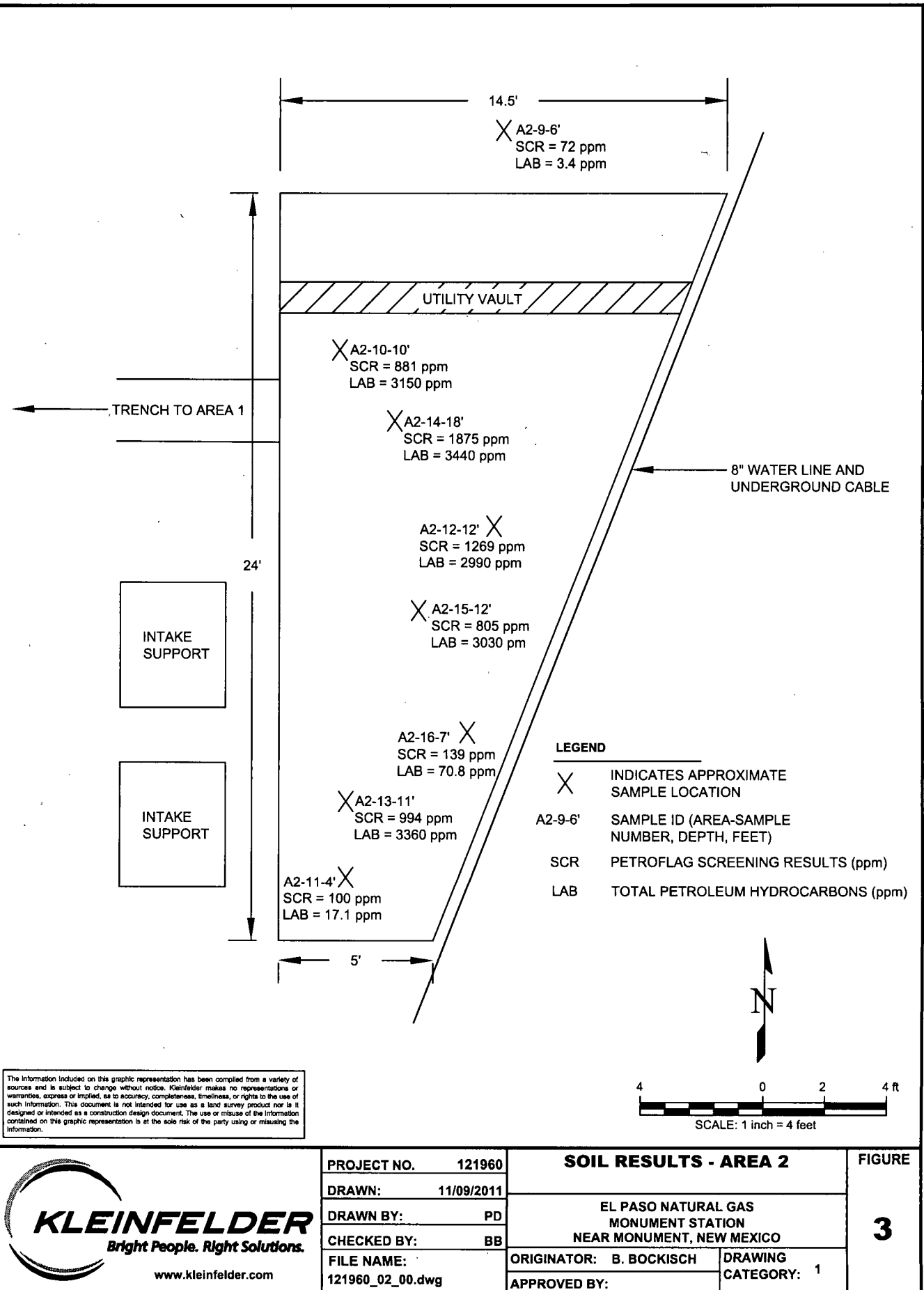
PROJECT NO.	121960
DRAWN:	11/08/2011
DRAWN BY:	PD
CHECKED BY:	BB
FILE NAME:	121960_02_00.dwg

SOIL RESULTS - AREA 1

EL PASO NATURAL GAS MONUMENT STATION NEAR MONUMENT, NEW MEXICO	
ORIGINATOR: B. BOCKISCH	DRAWING CATEGORY: 1
APPROVED BY:	

FIGURE

2

**SOIL RESULTS - AREA 2**

EL PASO NATURAL GAS
MONUMENT STATION
NEAR MONUMENT, NEW MEXICO

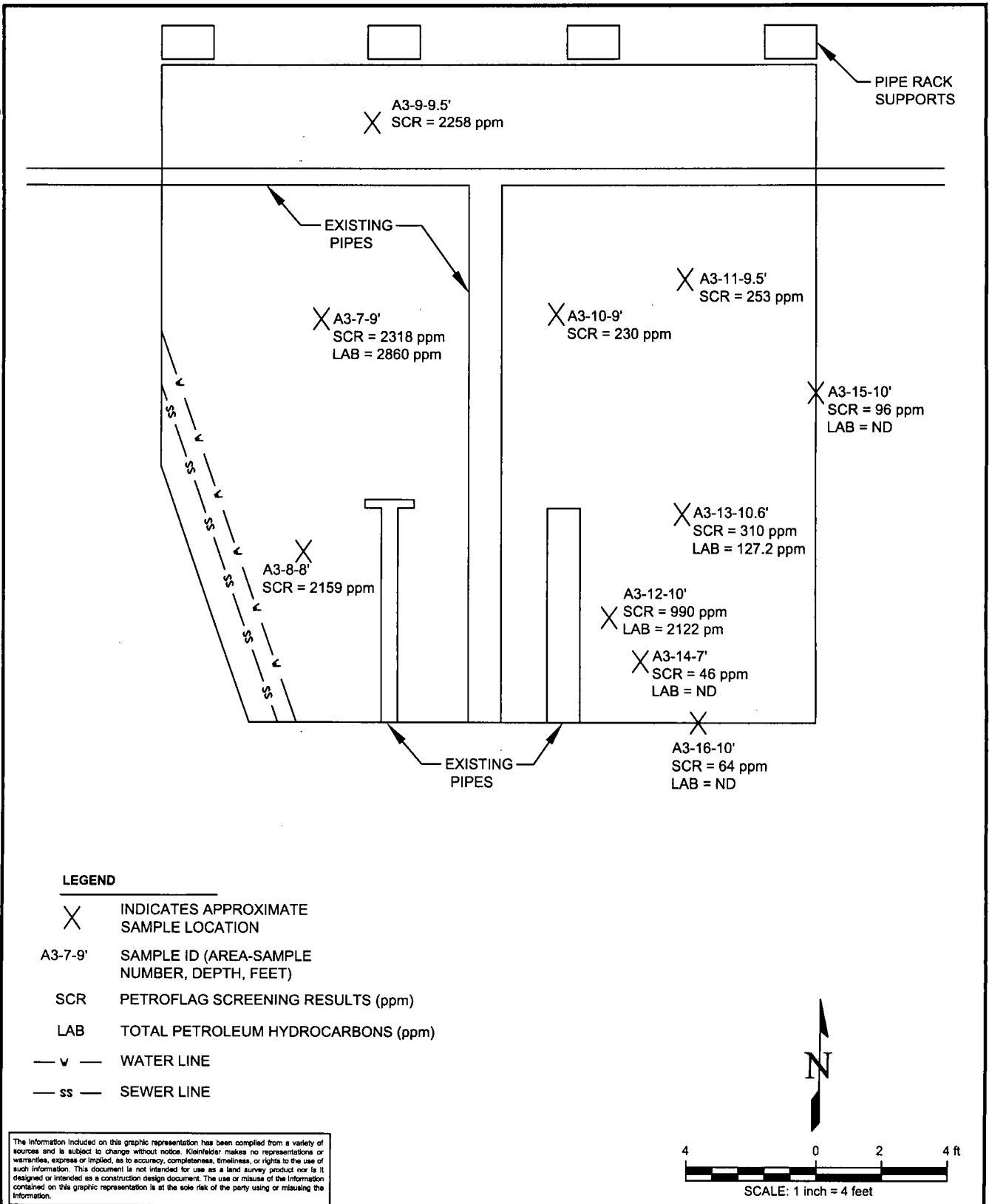
ORIGINATOR: B. BOCKISCH

APPROVED BY:

DRAWING
CATEGORY: 1

FIGURE

3

ATTACHED IMAGES:
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PROJECT NO.	121960
DRAWN:	11/09/2011
DRAWN BY:	PD
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FILE NAME:	121960_02_00.dwg

SOIL RESULTS - AREA 3

EL PASO NATURAL GAS
MONUMENT STATION
NEAR MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH

APPROVED BY:

DRAWING
CATEGORY: 1

FIGURE

4

Table 1
Soil Analytical Data
EPNG - MONUMENT STATION
Monument, New Mexico

Sample Location	Sample Identifier	Depth (feet bgs)	Sample Date	TPH Concentration (mg/kg)			Field Screening (PPM)
				Diesel Range	Motor Oil Range	Total	
Area 1	A1-11-10'	10.0	10/19/2011	<1.66	<3.29	<4.95	50
Area 2	A2-9-6'	6.0	10/19/2011	<1.66	3.39	3.39	72
Area 2	A2-10-10'	10.0	10/20/2011	1,390	1,760	3,150	881
Area 2	A2-11-4'	4.0	4/26/2011	2.92	14.20	17.12	100
Area 2	A2-12-12'	12.0	4/26/2011	1,120	1,870	2,990	1269
Area 2	A2-13-11'	11.0	4/26/2011	1,390	1,970	3,360	994
Area 2	A2-14-18'	18.0	4/26/2011	1,460	1,980	3,440	1875
Area 2	A2-15-12;	12.0	4/26/2011	1,180	1,850	3,030	805
Area 2	A2-16-7'	7.0	4/26/2011	16.40	54.40	70.8	139
Area 3	A3-7-9	9.0	4/26/2011	1,180	1,680	2,860	2318
Area 3	A3-12-10	10.0	4/26/2011	832	1,290	2,122	990
Area 3	A3-13-10.6	10.5	4/26/2011	44	83.2	127.2	310
Area 3	A3-14-7	7.0	4/26/2011	<1.66	<3.30	<4.96	46
Area 3	A3-15-10	10.0	4/26/2011	<1.66	<3.29	<4.95	96
Area 3	A3-16-10	10.0	4/26/2011	<1.66	<3.30	<4.96	64
NMOCD Regulatory Soil Level (mg/kg)						100	

Notes:

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

PPM = parts per million

TPH (DRO, MRO) = total petroleum hydrocarbons (diesel and motor oil range organics) by EPA Method 8015B.

< = Not Detected at the reporting limit

Bold indicates concentration above NMOCD Regulatory Soil Level

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Wednesday, April 13, 2011 2:18 PM
To: 'Thompson, Glen D'
Subject: RE: El Paso Natural Gas Company Monument Compressor Station

Mr. Thompson,

NMOCD approves EPNG to test the area for TPH and DRO and is aware of the date change for shut down of the facility to assess the situation entirely.

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Tuesday, April 12, 2011 1:24 PM
To: Lowe, Leonard, EMNRD
Subject: RE: El Paso Natural Gas Company Monument Compressor Station

Looking for approval to sample for TPH (DRO) only since this is a lube oil line and to wait on the line test until after the 2" line is replaced. Please confirm.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas

From: Thompson, Glen D
Sent: Tuesday, March 29, 2011 3:28 PM
To: Lowe, Leonard, EMNRD
Cc: Leking, Geoffrey R, EMNRD; VonGonten, Glenn, EMNRD
Subject: RE: El Paso Natural Gas Company Monument Compressor Station

As we discussed, Operations personnel discovered a small surface stain behind the Auxiliary Building at the Monument Compressor Station. They excavated less than two drums of soil and as part of the excavation uncovered a portion of the 2-inch, gravity-fed, lube oil line that runs from the lube oil tank to the Auxiliary Building where they found a pinhole leak in the line. I spoke with Geoffrey Leking on March 14th and notified him of the situation. El Paso's Operations personnel notified me that they were planning to replace the line in May during a station shutdown. While uncovering the remaining portion of the 2-inch lube oil line, Operations personnel placed excavated soil on plastic. During the soil excavation, Operations was removing a concrete valve box and inadvertently cracked the same 2-inch, gravity-fed, lube oil line and released approximately 20 gallons of lube oil into the pipe trench. I notified Geoffrey Leking the same day, March 16th. Operations personnel excavated the impact area immediately and placed the impacted soil on plastic. Operations and I met Geoffrey Leking on-site March 24th to review the excavated pipe, clamped pipe sections, and

stockpiled soil. During our site visit, Operations notified me that the week-long shutdown was re-scheduled to September because of the adjacent Targa plant needs.

El Paso is requesting approval to waive a line test. El Paso has exposed the entire length of the 2-inch diameter line from the Auxiliary Building to a T-connection with a 4-inch line. The 4-inch line is covered and runs back to the lube oil tank. Operations is scheduling the line replacement for the week-long shutdown in September and will complete a line test on the replaced portion of the line after the installation. Meanwhile the 2-inch portion of the line is uncovered and visible and the station is a manned facility and Operations indicated that they would be able to visually check the 2-inch line. I have spoken to a consultant in regards to sampling the trench bottom and sidewall where the two breaches in the line were. We had planned to sample for TPH (DRO) only since this is a lube oil line. Please confirm and let me know if you have any additional questions or comments.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Wednesday, March 23, 2011 1:30 PM
To: Thompson, Glen D
Cc: Leking, Geoffrey R, EMNRD; VonGonten, Glenn, EMNRD
Subject: El Paso compressor station

Mr. Thompson,

NMOCD Santa Fe was made aware that an incident, unreleased spill, had occurred at an El Paso Monument compressor station

Within the 11.2009 approved discharge permit, GW-008 (let me know if this is the incorrect discharge plan permit number for this facility)

CONDITION 15 Spill reporting:

"The Owner/Operator shall report all unauthorized discharges, spills, leaks, and releases and conduct corrective action pursuant to WQCC Regulation 20.6.2.1203 NMAC and OCD Part 29 (19.15.29 NMAC). The owner/operator shall notify the OCD District office **and** the Santa Fe Office within 24 hours and file a written report within 15 days. The OCD does not consider covering contaminated areas a remediation of the spill/release."

CONDITION 18 Unauthorized Discharges:

"The Owner/Operator shall not allow or cause water pollution, discharge or release of any water contaminant that exceeds the WQCC standards listed in 20.6.2.3101 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate or intrastate Streams) unless specifically listed in the permit application and approved herein. **An unauthorized discharge is a violation of this permit.**"

Please elaborate on the scenario of the release.

I have attached a copy of GW-008.

Thank you,

llowe

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, April 05, 2011 8:21 AM
To: 'Christina Maldonado'; Glen D Thompson (Glen.Thompson@ElPaso.com)
Cc: Bernie Bockisch; Craig Corey
Subject: RE: Kleinfelder Soil Remediation Report - Monument Station (GW-008)

Ms. Maldonado:

The NMOCD is in receipt of the report. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us

Website: <http://www.emnrd.state.nm.us/ocd/index.htm>

"Why not Prevent Pollution; Minimize Waste; Reduce the Cost of Operations; & Move Forward with the Rest of the Nation?" To see how, go to "Pollution Prevention & Waste Minimization" at:
<http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental>)

From: Christina Maldonado [<mailto:CMaldonado@kleinfelder.com>]
Sent: Monday, April 04, 2011 4:10 PM
To: Glen D Thompson (Glen.Thompson@ElPaso.com); Chavez, Carl J, EMNRD
Cc: Bernie Bockisch; Craig Corey
Subject: Kleinfelder Soil Remediation Report - Monument Station

Mr. Thompson and Mr. Chavez,

Please find attached the Kleinfelder Soil Remediation Report for Monument Station. If you have any questions, please call. Thank you.

Christina Maldonado
Key Administrator
112 S. Loraine St., Suite 401
Midland, TX 79701
o | 432-687-1624
f | 432-685-0452



Chavez, Carl J, EMNRD

From: Christina Maldonado [CMaldonado@kleinfelder.com]
Sent: Monday, April 04, 2011 4:10 PM
To: Glen D Thompson (Glen.Thompson@ElPaso.com); Chavez, Carl J, EMNRD
Cc: Bernie Bockisch; Craig Corey
Subject: Kleinfelder Soil Remediation Report - Monument Station
Attachments: Monument Station - Soil Remediation Report.pdf

Mr. Thompson and Mr. Chavez,

Please find attached the Kleinfelder Soil Remediation Report for Monument Station. If you have any questions, please call. Thank you.

Christina Maldonado
Key Administrator
112 S. Loraine St., Suite 401
Midland, TX 79701
o | 432-687-1624
f | 432-685-0452





DOCUMENT TRANSMITTAL FORM

TO: Mr. Glen Thompson El Paso Natural Gas 1550 Windway Odessa, Texas 79760 Glen.Thompson@ElPaso.com Mr. Carl Chavez NMEMNRD - NM Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 carlj.chavez@state.nm.us	PAGE	1	OF	68
	TRANSMITTAL DATE: 4/4/11			
	TRANSMITTAL DCN: 110162.1 - ODM11TS001			
RETURN RESPONSES/COMMENTS TO:		Bernie Bockisch		
RETURN RESPONSES/COMMENTS BY:		48 hours from date of transmission		

PROJECT NO.:	110162	PROJECT NAME:	MonumentStation_ElPasoGas_ENV
ACTIVITY/DESCRIPTION:	Monument Station - Soil Remediation Report		

DOCUMENTS BEING TRANSMITTED				
ITEM	REV.	PAGES	DATE	DESIGNATOR
Monument Station - Soil Remediation Report	0	67	4/4/11	110162.1 - ODM10RP001

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April 4, 2011

Mr. Glen Thompson
El Paso Natural Gas
1550 Windway
Odessa, Texas 79760

**Subject: Soil Remediation Report
Monument Station
Historic Contamination Near Clarifier Tank
Lea County, New Mexico**

Dear Mr. Thompson:

Kleinfelder Central, Inc. (Kleinfelder) is pleased to present this report for the Monument Station Clarifier Tank Release Site (hereafter referred to as "Site") to El Paso Natural Gas (EPNG). This report is for the soil remedial activities associated with the discovery of historic soil contamination after a line test in March 2010.

PROJECT BACKGROUND

El Paso Natural Gas Company (EPNG) was conducting pressure testing of the below grade drain lines at the Monument Compressor Station during the week of February 22, 2010. While conducting line testing for the drain lines from the gas scrubbers, testers were unable to maintain line pressure. Site personnel began excavating the below grade line to determine if there was a leak. On March 3, 2010, at approximately 1 p.m. Central Standard Time, a pinhole opening was discovered at the top of the below grade piping at the base of the first stage sour gas scrubber. Operations personnel visually inspected the area around the pinhole opening and saw no visible surface staining or signs of a leak.

The below grade lines are opened and closed from a valve box adjacent to the double wall, below grade classifier. After opening the top of the valve box, site personnel discovered approximately four gallons of oily water below the valve. Further examination identified a small leak on the opposite side of the valve from where the lines were being tested. The leak was not part of the below grade lines being tested. The valve was repaired prior to being put back into service.

SOIL REMEDIATION ACTIVITIES

During the removal of the impacted soil, historic contamination was also discovered which led to the excavation of the soils around the below grade classifier. Kleinfelder was retained by EPNG to oversee the release assessment and remediation on March 10, 2010.

Regulatory Framework and Site Classification

The New Mexico Oil Conservation Division (NMOCD) determines a site's ranking score based on three characteristics (depth to groundwater, distance to a well head protection area, and distance to surface water). The location of the site and distances to surface water bodies and groundwater wells with their associated depth to water is presented on Figure 1. The scoring for a site is determined using the following criteria:

CHARACTERISTIC	SELECTION	SCORE
Depth to Groundwater	>100 feet	0
	50 to 100 feet	10
	<50 feet	20
Wellhead Protection Area	>1,000 feet	0
	<1,000 feet	20
Distance to Surface Water	>1,000 feet	0
	200 to 1,000 feet	10
	<200 feet	20

The Sites ranking score is presented as follows:

Monument Station Ranking Criteria and Scoring		
CHARACTERISTIC	SELECTION	SCORE
Depth to Groundwater	<50 feet	20
Wellhead Protection Area	>1,000 feet	0
Distance to Surface Water	>1,000 feet	0

Total Score = 20

Soil Remediation Levels

Contaminant of Concern	>19 Score	10-19 Score	0-9 Score
Benzene (mg/Kg)	10	10	10
Total BTEX (mg/Kg)	50	50	50
TPH (mg/Kg)	100	1,000	5,000

Based on the Site characteristics and associated NMOCD-ranking criteria, the following soil hydrocarbon remediation levels apply at the Site:

- benzene- 10 parts-per-million (ppm),
- benzene, toluene, ethylbenzene and total xylenes (Total BTEX) – 50 ppm; and
- Total petroleum hydrocarbons (TPH)- 100 ppm.

Note: Analytical results for soil data are reported in milligrams per kilograms (mg/Kg) which are equivalent to the ppm reporting units.

Soil Excavation Activities

A site map indicating the extent of excavation activities is included as Figure 2. Excavated soils were visually observed and field screened with a Photo Ionization Detector (PID) for the presence of Volatile Organic Compounds (VOCs). EPNG personnel removed all associated piping and electrical wiring from the tank to allow greater access to the excavation area. Excavation activities were stopped at approximately 17 feet below ground surface, and at a distance of approximately 10 feet around the tank. Further excavation activities were not necessary due to field screening results that suggested the limits of the excavation were below NMOCD delineation and remediation limits.

Excavation Confirmation Soil Sampling

Confirmation soil samples for field screening were periodically collected within the excavation to assess the extent of contamination. The grab samples were collected by placing splitting it in two portions. The first portion was immediately placed in laboratory supplied jars, labeled, and placed on ice in a laboratory supplied cooler. The second portion of the grab sample was placed in a re-sealable plastic bag leaving a head space for VOCs to collect. After sufficient time had passed to allow for volatilization, the headspace in each bagged sample was measured using the PID.

Soil samples were submitted to TraceAnalysis, Inc. in Midland, Texas and analyzed for total petroleum hydrocarbons (TPH) concentrations by EPA Method 8015 for modified diesel-range organics (DRO) and gasoline-range organics (GRO) as well as, benzene, toluene, ethyl benzene, xylenes (BTEX) concentrations by EPA Method 8021B and chlorides by EPA method 300.0. Each container was labeled and placed on ice in an insulated cooler. The coolers were hand delivered to the laboratory.

Segregation of Materials

Excavated soils that did not exhibit VOCs based on field screening were segregated from excavated soils that contained hydrocarbons. The excavated soil was placed on plastic and divided into six cells containing approximately the same volume of soil. The cells are depicted on Figure 2 as Cells A through F. A composite sample from each cell was submitted to TraceAnalysis, Inc. in Midland, Texas and analyzed for TPH by EPA Method 8015 modified DRO and GRO, BTEX by EPA Method 8021B, and chloride concentrations by EPA method 300.0. Summarized analytical results are presented in Table 1 and analytical reports are included in Appendix A.

The hydrocarbon impacted excavated soil was loaded into trucks and transported to CRI in Hobbs, NM (licensed NMOCD waste management facility). Approximately 550 cubic yards of hydrocarbon impacted soil was transported to CRI. Available waste manifests are included as Attachment B.

The excavated soils with field screening results below regulatory limits were thin spread on site. Approximately 1,100 cubic yards of excavated material had been segregated and thin spread on site.

Soil Excavation Backfilling

Backfilling of the excavation began on March 31, 2010. Clean fill material from an off-site caliche pit was used to backfill the excavation. Backfilling and compaction was performed with a track hoe and graded to match the surrounding land surface.

Results

A total of 16 soil samples were collected during the soil remediation program. Nine confirmatory samples were collected to define the limits of hydrocarbon containing soil at the excavation boundaries. The soil analytical data is presented in TABLE I. The nine confirmation soil samples were below NMOCD Remediation Action Levels (RRALS). In addition, the soil stockpile samples for the excavated material are also represented in Table 1. Soil stockpile cells D and E exceeded NMOCD RRALS for TPH, and were transported to CRI for disposal. Soil stockpile cells A, B, C, and F were below NMOCD RRALS and were thin spread on site on June 22, 2010. Laboratory analytical data reports are included in Attachment A.

Based on the results of the excavation confirmation samples, EPNG does not intend to conduct additional excavation or remediation activities.

LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions, and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee, or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the Client and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

If you have any questions or comments, please feel free to contact the Midland office at (432) 684-1624.

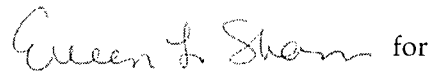
Respectfully Submitted,
KLEINFELDER CENTRAL, INC.



for

James F. Kennedy
Staff Professional II

Reviewed by:

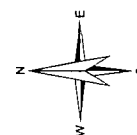


for

Aaron M. Hale
Location Manager

Enclosures: Figure 1 – Surface Water and Groundwater Map
Figure 2 – Site Detail Map
Table 1 – Soil Analytical Data – BTEX/TPH
Attachment A – Laboratory Analytical Data
Attachment B – Available Waste Manifests

Figure 1



Petroleum Recovery
Research Center

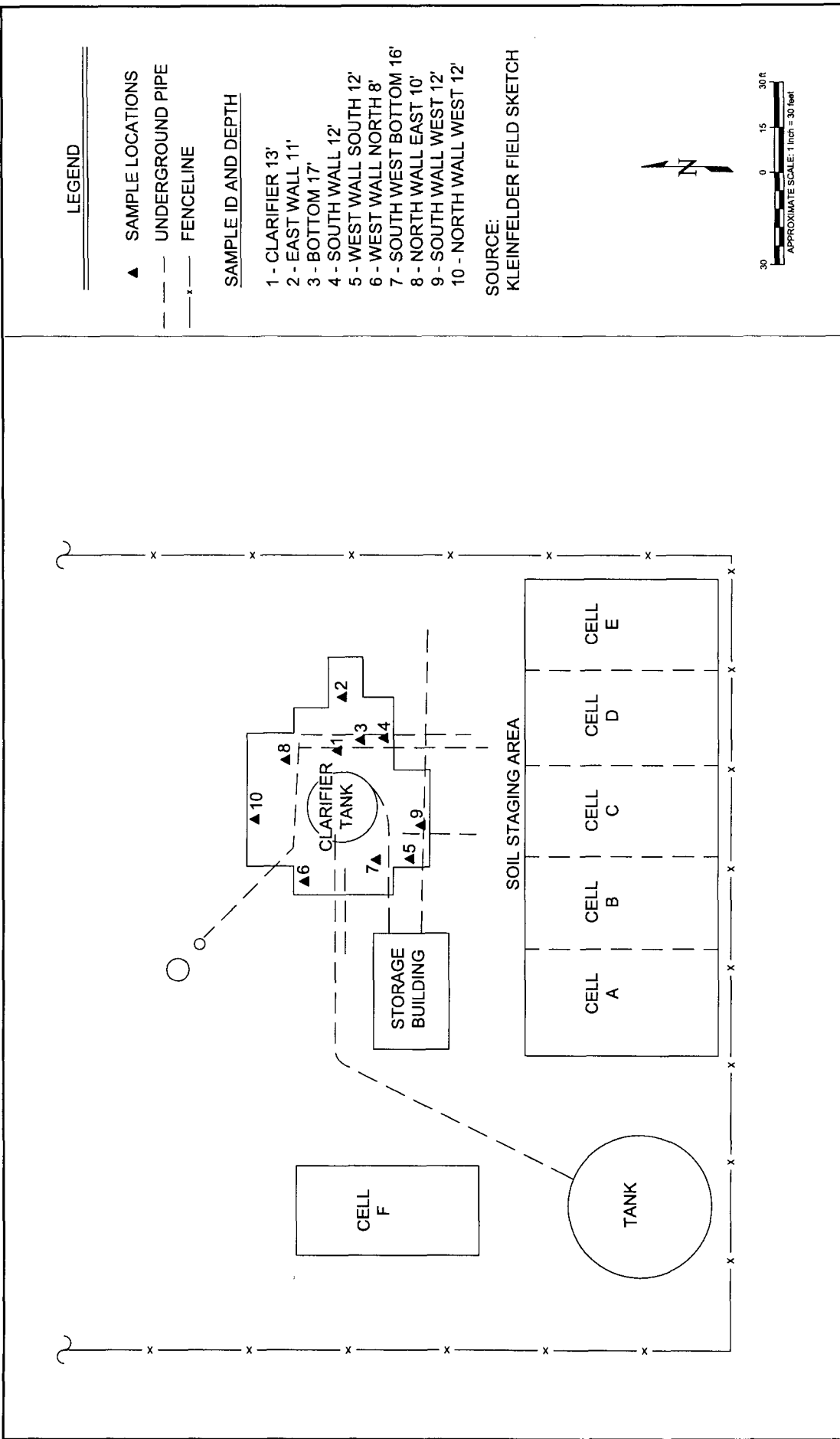
Surface Water and Groundwater Map


~~El Paso Natural Gas
Monument Station~~

Figure: 1

Mar 31, 2010

Figure 2





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Bright People. Right Solutions.
www.kleinfelder.com

PROJECT NO. 110612
DRAWN: APR 2010
CHECKED BY: PD
FILE NAME: 110612_01_0.dwg

SITE DETAILS MAP

MONUMENT STATION-CLARIFIER TANK EXCAVATION
EL PASO NATURAL GAS
MONUMENT, NEW MEXICO

ORIGINATOR: J. KENNEDY
APPROVED BY:

FIGURE
2

DRAWING CATEGORY:
1

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Table 1

TABLE I

SUMMARY OF SOIL ANALYTICAL DATA – BTEX/TPH/Chlorides

EL PASO NATURAL GAS
MONUMENT STATION
LEA COUNTY, NEW MEXICO

SAMPLE ID	DATE	DEPTH (feet)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	TPH (8015 Modified)				CHLORIDES (mg/Kg)
								TPH DRO (mg/Kg)	TPH GRO (mg/Kg)	TPH ORO (mg/Kg)	TPH (GRO/DRO) (mg/Kg)	
New Mexico Oil Conservation Division Recommended Remediation Action Levels (Total Ranking Score >19)												
			10 mg/Kg	---	---	---	50.0 mg/Kg	---	---	---	100 mg/Kg	250 mg/Kg
Initial Site Assessment Samples												
Base of Clarifier Sample 1	12/21/2007	---	<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	<100	BDL	---
Base of Clarifier Sample 2	12/21/2007	---	<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	110	110	---
Clarifier	3/10/2010	13	0.267	3.32	3.6	16	23.187	<50	858	---	858	23.9
Excavation Confirmation Samples												
East Wall	3/25/2010	11	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	158
Bottom	3/25/2010	17	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	18.8
South Wall	3/25/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	11.3
West Wall South	3/26/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	1.68	---	1.68	7.5
West Wall North	3/26/2010	8	<0.0100	<0.0100	<0.0100	0.0906	0.091	<50	49.6	---	49.6	6.03
South West Bottom	3/26/2010	16	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	7.45
North Wall East	3/26/2010	10	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	12
South Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	6.6
North Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	5.16
Soil Stockpile Staging Area Samples												
Cell A	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	6.1	---	6.1	12.1
Cell B	4/14/2010	---	<0.0100	<0.0100	<0.0100	0.0795	0.080	<50	20.2	---	20.2	13.2
Cell C	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	4.29	---	4.29	16.6
Cell D	4/14/2010	---	<0.0100	<0.0100	<0.0100	0.173	0.173	<50	116	---	116	17.5
Cell E	4/14/2010	---	<0.0100	0.0701	0.303	1.91	2.283	52.4	304	---	356.4	23.5
Cell F	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	13.9	---	13.9	11.2

Notes:

BTEX analysis by EPA Method 8021.

TPH analysis by EPA Method 8015 Modified.

Chloride analysis by EPA Method 300.0.

BDL- Below Detection Limits.

Bold concentrations above lab reporting limits.

Highlighted Concentrations above NMOC RRALS.

**Attachment A –
Laboratory Analytical Data**



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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX **El Paso:** T104704221-08-TX **Midland:** T104704392-08-TX
LELAP-02003
Kansas E-10317
LELAP-02002

Analytical and Quality Control Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX, 79706

Report Date: March 17, 2010

Work Order: 10031108



Project Location: Monument, NM
Project Name: Monument Station
Project Number: Monument Station

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
225222	Scrubber Dump 5'	soil	2010-03-10	10:50	2010-03-10
225223	Clarifier 13'	soil	2010-03-10	12:20	2010-03-10

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 16 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Monument Station were received by TraceAnalysis, Inc. on 2010-03-10 and assigned to work order 10031108. Samples for work order 10031108 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
BTEX	S 8021B	58381	2010-03-12 at 15:00	68230	2010-03-12 at 10:38
PCB	S 8082	58420	2010-03-15 at 13:00	68275	2010-03-15 at 13:07
TPH DRO - NEW	Mod. 8015B	58429	2010-03-15 at 14:33	68282	2010-03-15 at 14:33
TPH DRO - NEW	Mod. 8015B	58454	2010-03-16 at 15:15	68314	2010-03-16 at 15:15
TPH GRO	S 8015B	58381	2010-03-12 at 15:00	68231	2010-03-12 at 11:05

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10031108 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

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Monument Station

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Analytical Report

Sample: 225222 - Scrubber Dump 5'

Laboratory: Midland
Analysis: BTEX
QC Batch: 68230
Prep Batch: 58381

Analytical Method: S 8021B
Date Analyzed: 2010-03-12
Sample Preparation: 2010-03-12

Prep Method: S 5035
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	1	0.0100
Toluene		0.0664	mg/Kg	1	0.0100
Ethylbenzene		<0.0100	mg/Kg	1	0.0100
Xylene		0.198	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.76	mg/Kg	1	2.00	88	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)		2.07	mg/Kg	1	2.00	104	43.1 - 158.4

Sample: 225222 - Scrubber Dump 5'

Laboratory: Lubbock
Analysis: PCB
QC Batch: 68275
Prep Batch: 58420

Analytical Method: S 8082
Date Analyzed: 2010-03-15
Sample Preparation: 2010-03-15

Prep Method: S 3550
Analyzed By: DS
Prepared By: DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total PCB		0.0252	mg/Kg	2	0.00167
Aroclor 1016 (PCB-1016)		<0.00334	mg/Kg	2	0.00167
Aroclor 1221 (PCB-1221)		<0.00334	mg/Kg	2	0.00167
Aroclor 1232 (PCB-1232)		<0.00334	mg/Kg	2	0.00167
Aroclor 1242 (PCB-1242)		<0.00334	mg/Kg	2	0.00167
Aroclor 1248 (PCB-1248)		<0.00334	mg/Kg	2	0.00167
Aroclor 1254 (PCB-1254)		0.0252	mg/Kg	2	0.00167
Aroclor 1260 (PCB-1260)		<0.00334	mg/Kg	2	0.00167
Aroclor 1268 (PCB-1268)		<0.00334	mg/Kg	2	0.00167

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Deca chlorobiphenyl		0.00897	mg/Kg	2	0.0167	54	35.9 - 142

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Sample: 225222 - Scrubber Dump 5'

Laboratory: Midland
Analysis: TPH DRO - NEW Analytical Method: Mod. 8015B Prep Method: N/A
QC Batch: 68282 Date Analyzed: 2010-03-15 Analyzed By: kg
Prep Batch: 58429 Sample Preparation: 2010-03-15 Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		97.2	mg/Kg	1	100	97	70 - 130

Sample: 225222 - Scrubber Dump 5'

Laboratory: Midland
Analysis: TPH GRO Analytical Method: S 8015B Prep Method: S 5035
QC Batch: 68231 Date Analyzed: 2010-03-12 Analyzed By: AG
Prep Batch: 58381 Sample Preparation: 2010-03-12 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		30.4	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.55	mg/Kg	1	2.00	128	65.3 - 145
4-Bromofluorobenzene (4-BFB)	¹	2.72	mg/Kg	1	2.00	136	61.7 - 131.1

Sample: 225223 - Clarifier 13'

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 68230 Date Analyzed: 2010-03-12 Analyzed By: AG
Prep Batch: 58381 Sample Preparation: 2010-03-12 Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.267	mg/Kg	1	0.0100
Toluene		3.32	mg/Kg	1	0.0100
Ethylbenzene		3.60	mg/Kg	1	0.0100
Xylene		16.0	mg/Kg	1	0.0100

¹High surrogate recovery due to peak interference.

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.55	mg/Kg	1	2.00	78	60.4 - 141.2
4-Bromofluorobenzene (4-BFB)	²	4.82	mg/Kg	1	2.00	241	43.1 - 158.4

Sample: 225223 - Clarifier 13'

Laboratory: Lubbock

Analysis: PCB

QC Batch: 68275

Prep Batch: 58420

Analytical Method: S 8082

Date Analyzed: 2010-03-15

Sample Preparation: 2010-03-15

Prep Method: S 3550

Analyzed By: DS

Prepared By: DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total PCB		0.187	mg/Kg	5	0.00167
Aroclor 1016 (PCB-1016)		<0.00835	mg/Kg	5	0.00167
Aroclor 1221 (PCB-1221)		<0.00835	mg/Kg	5	0.00167
Aroclor 1232 (PCB-1232)		<0.00835	mg/Kg	5	0.00167
Aroclor 1242 (PCB-1242)		<0.00835	mg/Kg	5	0.00167
Aroclor 1248 (PCB-1248)		<0.00835	mg/Kg	5	0.00167
Aroclor 1254 (PCB-1254)		0.187	mg/Kg	5	0.00167
Aroclor 1260 (PCB-1260)		<0.00835	mg/Kg	5	0.00167
Aroclor 1268 (PCB-1268)		<0.00835	mg/Kg	5	0.00167

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Deca chlorobiphenyl		0.00832	mg/Kg	5	0.0167	50	35.9 - 142

Sample: 225223 - Clarifier 13'

Laboratory: Midland

Analysis: TPH DRO - NEW

QC Batch: 68314

Prep Batch: 58454

Analytical Method: Mod. 8015B

Date Analyzed: 2010-03-16

Sample Preparation: 2010-03-16

Prep Method: N/A

Analyzed By: kg

Prepared By: kg

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		96.9	mg/Kg	1	100	97	70 - 130

²High surrogate recovery due to peak interference.

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Sample: 225223 - Clarifier 13'

Laboratory: Midland
Analysis: TPH GRO
QC Batch: 68231
Prep Batch: 58381

Analytical Method: S 8015B
Date Analyzed: 2010-03-12
Sample Preparation: 2010-03-12

Prep Method: S 5035
Analyzed By: AG
Prepared By: AG

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		858	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.20	mg/Kg	1	2.00	110	65.3 - 145
4-Bromofluorobenzene (4-BFB)	3	5.14	mg/Kg	1	2.00	257	61.7 - 131.1

Method Blank (1) QC Batch: 68230

QC Batch: 68230
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00410	mg/Kg	0.01
Toluene		<0.00310	mg/Kg	0.01
Ethylbenzene		<0.00240	mg/Kg	0.01
Xylene		<0.00650	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.87	mg/Kg	1	2.00	94	64.9 - 142.7
4-Bromofluorobenzene (4-BFB)		2.03	mg/Kg	1	2.00	102	43.9 - 141.9

Method Blank (1) QC Batch: 68231

QC Batch: 68231
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
GRO		<0.396	mg/Kg	1

³High surrogate recovery due to peak interference.

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Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.54	mg/Kg	1	2.00	127	66.2 - 145
4-Bromofluorobenzene (4-BFB)		2.38	mg/Kg	1	2.00	119	62 - 120.5

Method Blank (1) QC Batch: 68275

QC Batch: 68275
Prep Batch: 58420

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: DS
Prepared By: DS

Parameter	Flag	MDL Result	Units	RL
Total PCB		<0.00115	mg/Kg	0.00167
Aroclor 1016 (PCB-1016)		<0.00120	mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		<0.00128	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		<0.00144	mg/Kg	0.00167
Aroclor 1242 (PCB-1242)		<0.00150	mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		<0.00115	mg/Kg	0.00167
Aroclor 1254 (PCB-1254)		<0.00132	mg/Kg	0.00167
Aroclor 1260 (PCB-1260)		<0.00121	mg/Kg	0.00167
Aroclor 1268 (PCB-1268)		<0.00140	mg/Kg	0.00167

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Deca chlorobiphenyl		0.0134	mg/Kg	1	0.0167	80	35.9 - 142

Method Blank (1) QC Batch: 68282

QC Batch: 68282
Prep Batch: 58429

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: kg
Prepared By: kg

Parameter	Flag	MDL Result	Units	RL
DRO		<5.86	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		80.3	mg/Kg	1	100	80	70 - 130

Method Blank (1) QC Batch: 68314

QC Batch: 68314
Prep Batch: 58454

Date Analyzed: 2010-03-16
QC Preparation: 2010-03-16

Analyzed By: kg
Prepared By: kg

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Parameter	Flag	MDL Result	Units	RL
DRO		<5.86	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Tricosane		71.9	mg/Kg	1	100	72	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 68230
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.78	mg/Kg	1	2.00	<0.00410	89	75.4 - 115.7
Toluene	1.78	mg/Kg	1	2.00	<0.00310	89	78.4 - 113.6
Ethylbenzene	1.74	mg/Kg	1	2.00	<0.00240	87	76 - 114.2
Xylene	5.19	mg/Kg	1	6.00	<0.00650	86	76.9 - 113.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.82	mg/Kg	1	2.00	<0.00410	91	75.4 - 115.7	2	20
Toluene	1.81	mg/Kg	1	2.00	<0.00310	90	78.4 - 113.6	2	20
Ethylbenzene	1.76	mg/Kg	1	2.00	<0.00240	88	76 - 114.2	1	20
Xylene	5.31	mg/Kg	1	6.00	<0.00650	88	76.9 - 113.6	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.72	1.47	mg/Kg	1	2.00	86	74	65 - 142.9
4-Bromofluorobenzene (4-BFB)	2.04	1.75	mg/Kg	1	2.00	102	88	43.8 - 144.9

Laboratory Control Spike (LCS-1)

QC Batch: 68231
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	15.9	mg/Kg	1	20.0	<0.396	80	52.5 - 114.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	15.7	mg/Kg	1	20.0	<0.396	78	52.5 - 114.3	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.36	2.36	mg/Kg	1	2.00	118	118	66.2 - 148.7
4-Bromofluorobenzene (4-BFB)	2.34	2.33	mg/Kg	1	2.00	117	116	64.1 - 127.4

Laboratory Control Spike (LCS-1)

QC Batch: 68275
Prep Batch: 58420

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: DS
Prepared By: DS

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Aroclor 1260 (PCB-1260)	0.0433	mg/Kg	1	0.0640	<0.00121	68	17.3 - 150

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Aroclor 1260 (PCB-1260)	0.0433	mg/Kg	1	0.0640	<0.00121	68	17.3 - 150	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Deca chlorobiphenyl	0.0120	0.0120	mg/Kg	1	0.0167	72	72	35.9 - 142

Laboratory Control Spike (LCS-1)

QC Batch: 68282
Prep Batch: 58429

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: kg
Prepared By: kg

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	229	mg/Kg	1	250	<5.86	92	57.4 - 133.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	223	mg/Kg	1	250	<5.86	89	57.4 - 133.4	3	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Tricosane	102	99.4	mg/Kg	1	100	102	99	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch: 68314
Prep Batch: 58454

Date Analyzed: 2010-03-16
QC Preparation: 2010-03-16

Analyzed By: kg
Prepared By: kg

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	239	mg/Kg	1	250	<5.86	96	57.4 - 133.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	221	mg/Kg	1	250	<5.86	88	57.4 - 133.4	8	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Tricosane	108	100	mg/Kg	1	100	108	100	70 - 130

Matrix Spike (MS-1) Spiked Sample: 225222

QC Batch: 68230
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	1.89	mg/Kg	1	2.00	<0.00410	94	57.7 - 140.7
Toluene	1.92	mg/Kg	1	2.00	0.0664	93	53.4 - 146.6
Ethylbenzene	1.96	mg/Kg	1	2.00	<0.00240	98	62.1 - 141.6
Xylene	5.91	mg/Kg	1	6.00	0.1979	95	61.2 - 142.7

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.95	mg/Kg	1	2.00	<0.00410	98	57.7 - 140.7	3	20
Toluene	2.00	mg/Kg	1	2.00	0.0664	97	53.4 - 146.6	4	20
Ethylbenzene	2.01	mg/Kg	1	2.00	<0.00240	100	62.1 - 141.6	2	20
Xylene	6.06	mg/Kg	1	6.00	0.1979	98	61.2 - 142.7	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

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Monument Station

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Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.90	1.93	mg/Kg	1	2	95	96	61.7 - 139.6
4-Bromofluorobenzene (4-BFB)	2.19	2.20	mg/Kg	1	2	110	110	49.6 - 146.7

Matrix Spike (MS-1) Spiked Sample: 225126

QC Batch: 68231
Prep Batch: 58381

Date Analyzed: 2010-03-12
QC Preparation: 2010-03-12

Analyzed By: AG
Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	17.0	mg/Kg	1	20.0	<0.396	85	10 - 198.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	19.6	mg/Kg	1	20.0	<0.396	98	10 - 198.3	14	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	2.79	2.82	mg/Kg	1	2	140	141	65.5 - 143
4-Bromofluorobenzene (4-BFB)	⁴ 2.97	2.86	mg/Kg	1	2	148	143	58.6 - 140

Matrix Spike (MS-1) Spiked Sample: 225223

QC Batch: 68275
Prep Batch: 58420

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: DS
Prepared By: DS

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Aroclor 1260 (PCB-1260)	0.0684	mg/Kg	1	0.0640	<0.00121	107	10 - 211

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Aroclor 1260 (PCB-1260)	0.0592	mg/Kg	1	0.0640	<0.00121	92	10 - 211	14	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

continued ...

⁴High surrogate recovery due to peak interference.

⁵High surrogate recovery due to peak interference.

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Monument Station

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matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Deca chlorobiphenyl	0.00731	0.00683	mg/Kg	1	0.0167	44	41	35.9 - 142

Matrix Spike (MS-1) Spiked Sample: 225222

QC Batch: 68282
Prep Batch: 58429

Date Analyzed: 2010-03-15
QC Preparation: 2010-03-15

Analyzed By: kg
Prepared By: kg

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	181	mg/Kg	1	250	<5.86	72	35.2 - 167.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	205	mg/Kg	1	250	<5.86	82	35.2 - 167.1	12	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Tricosane	94.9	103	mg/Kg	1	100	95	103	70 - 130

Matrix Spike (MS-1) Spiked Sample: 225699

QC Batch: 68314
Prep Batch: 58454

Date Analyzed: 2010-03-16
QC Preparation: 2010-03-16

Analyzed By: kg
Prepared By: kg

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	203	mg/Kg	1	250	<5.86	81	35.2 - 167.1

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	200	mg/Kg	1	250	<5.86	80	35.2 - 167.1	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

continued ...

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Monument Station

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Monument Station

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Monument, NM

matrix spikes continued ...

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Tricosane	103	105	mg/Kg	1	100	103	105	70 - 130

Standard (CCV-2)

QC Batch: 68230

Date Analyzed: 2010-03-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0917	92	80 - 120	2010-03-12
Toluene		mg/Kg	0.100	0.0912	91	80 - 120	2010-03-12
Ethylbenzene		mg/Kg	0.100	0.0908	91	80 - 120	2010-03-12
Xylene		mg/Kg	0.300	0.272	91	80 - 120	2010-03-12

Standard (CCV-3)

QC Batch: 68230

Date Analyzed: 2010-03-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0947	95	80 - 120	2010-03-12
Toluene		mg/Kg	0.100	0.0938	94	80 - 120	2010-03-12
Ethylbenzene		mg/Kg	0.100	0.0926	93	80 - 120	2010-03-12
Xylene		mg/Kg	0.300	0.276	92	80 - 120	2010-03-12

Standard (CCV-2)

QC Batch: 68231

Date Analyzed: 2010-03-12

Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.00	100	80 - 120	2010-03-12

Standard (CCV-3)

QC Batch: 68231

Date Analyzed: 2010-03-12

Analyzed By: AG

Report Date: March 17, 2010
Monument Station

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Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.14	114	80 - 120	2010-03-12

Standard (CCV-1)

QC Batch: 68275

Date Analyzed: 2010-03-15

Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Aroclor 1242 (PCB-1242)		mg/L	0.400	0.419	105	85 - 115	2010-03-15
Aroclor 1254 (PCB-1254)		mg/L	0.400	0.342	86	85 - 115	2010-03-15
Aroclor 1260 (PCB-1260)		mg/L	0.400	0.340	85	85 - 115	2010-03-15

Standard (CCV-2)

QC Batch: 68275

Date Analyzed: 2010-03-15

Analyzed By: DS

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Aroclor 1242 (PCB-1242)		mg/L	0.400	0.440	110	85 - 115	2010-03-15
Aroclor 1254 (PCB-1254)		mg/L	0.400	0.347	87	85 - 115	2010-03-15
Aroclor 1260 (PCB-1260)		mg/L	0.400	0.349	87	85 - 115	2010-03-15

Standard (CCV-3)

QC Batch: 68282

Date Analyzed: 2010-03-15

Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	200	80	80 - 120	2010-03-15

Standard (CCV-4)

QC Batch: 68282

Date Analyzed: 2010-03-15

Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	205	82	80 - 120	2010-03-15

Report Date: March 17, 2010
Monument Station

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Monument Station

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Standard (CCV-1)

QC Batch: 68314

Date Analyzed: 2010-03-16

Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	249	100	80 - 120	2010-03-16

Standard (CCV-2)

QC Batch: 68314

Date Analyzed: 2010-03-16

Analyzed By: kg

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	206	82	80 - 120	2010-03-16



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E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019

HUB: 1752439743100-86536
NCTRCA WFWB38444Y0909

DBE: VN 20657

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX, 79706

Report Date: March 26, 2010

Work Order: 10031108



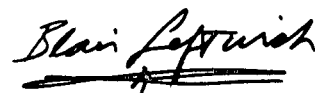
Project Location: Monument, NM
Project Name: Monument Station
Project Number: Monument Station

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
225223	Clarifier 13'	soil	2010-03-10	12:20	2010-03-10

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Monument Station were received by TraceAnalysis, Inc. on 2010-03-10 and assigned to work order 10031108. Samples for work order 10031108 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
Chloride (IC)	E 300.0	58631	2010-03-23 at 08:59	68569	2010-03-24 at 13:07

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10031108 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: March 26, 2010
Monument Station

Work Order: 10031108
Monument Station

Page Number: 4 of 5
Monument, NM

Analytical Report

Sample: 225223 - Clarifier 13'

Laboratory:	Midland	Analytical Method:	E 300.0	Prep Method:	N/A
Analysis:	Chloride (IC)	Date Analyzed:	2010-03-24	Analyzed By:	AR
QC Batch:	68569	Sample Preparation:	2010-03-23	Prepared By:	AR
Prep Batch:	58631				

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		23.9	mg/Kg	5	1.00

Method Blank (1) QC Batch: 68569

QC Batch:	68569	Date Analyzed:	2010-03-24	Analyzed By:	AR
Prep Batch:	58631	QC Preparation:	2010-03-23	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<0.0430	mg/Kg	1

Laboratory Control Spike (LCS-1)

QC Batch:	68569	Date Analyzed:	2010-03-24	Analyzed By:	AR
Prep Batch:	58631	QC Preparation:	2010-03-23	Prepared By:	AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	24.3	mg/Kg	1	25.0	<0.0430	97	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD Limit
Chloride	24.3	mg/Kg	1	25.0	<0.0430	97	90 - 110	0

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) Spiked Sample: 225223

QC Batch:	68569	Date Analyzed:	2010-03-24	Analyzed By:	AR
Prep Batch:	58631	QC Preparation:	2010-03-23	Prepared By:	AR

Report Date: March 26, 2010
Monument Station

Work Order: 10031108
Monument Station

Page Number: 5 of 5
Monument, NM

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	¹ 138	mg/Kg	5	138	23.9	83	90 - 110

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	² 139	mg/Kg	5	138	23.9	84	90 - 110	1	

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1)

QC Batch: 68569

Date Analyzed: 2010-03-24

Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	25.0	23.5	94	90 - 110	2010-03-24

Standard (CCV-1)

QC Batch: 68569

Date Analyzed: 2010-03-24

Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	25.0	23.3	93	90 - 110	2010-03-24

¹Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control.

²MSD analyte out of range. MS/MSD has a RPD within limits. Therefore, MS shows extraction occurred properly.

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 25, 2010

Work Order: 10031108



Project Location: Monument, NM
Project Name: Monument Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
225222	Scrubber Dump 5'	soil	2010-03-10	10:50	2010-03-10
225223	Clarifier 13'	soil	2010-03-10	12:20	2010-03-10

Sample - Field Code	BTX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
225222 - Scrubber Dump 5'	<0.0100	0.0664	<0.0100	0.198	<50.0	30.4
225223 - Clarifier 13'	0.267	3.32	3.60	16.0	<50.0	858

Sample: 225222 - Scrubber Dump 5'

Param	Flag	Result	Units	RL
Total PCB		0.0252	mg/Kg	0.00167
Aroclor 1016 (PCB-1016)		<0.00334	mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		<0.00334	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		<0.00334	mg/Kg	0.00167
Aroclor 1242 (PCB-1242)		<0.00334	mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		<0.00334	mg/Kg	0.00167
Aroclor 1254 (PCB-1254)		0.0252	mg/Kg	0.00167
Aroclor 1260 (PCB-1260)		<0.00334	mg/Kg	0.00167
Aroclor 1268 (PCB-1268)		<0.00334	mg/Kg	0.00167

Sample: 225223 - Clarifier 13'

Param	Flag	Result	Units	RL
Chloride		23.9	mg/Kg	1.00
Total PCB		0.187	mg/Kg	0.00167

continued ...

sample 225223 continued ...

Param	Flag	Result	Units	RL
Aroclor 1016 (PCB-1016)		<0.00835	mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		<0.00835	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		<0.00835	mg/Kg	0.00167
Aroclor 1242 (PCB-1242)		<0.00835	mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		<0.00835	mg/Kg	0.00167
Aroclor 1254 (PCB-1254)		0.187	mg/Kg	0.00167
Aroclor 1260 (PCB-1260)		<0.00835	mg/Kg	0.00167
Aroclor 1268 (PCB-1268)		<0.00835	mg/Kg	0.00167

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 30, 2010

Work Order: 10032627



Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
226753	South Wall 12'	soil	2010-03-25	10:00	2010-03-26
226754	East Wall 11'	soil	2010-03-25	09:00	2010-03-26
226755	Bottom 17'	soil	2010-03-25	10:30	2010-03-26

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
226753 - South Wall 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226754 - East Wall 11'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226755 - Bottom 17'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 226753 - South Wall 12'

Param	Flag	Result	Units	RL
Chloride		11.3	mg/Kg	1.00

Sample: 226754 - East Wall 11'

Param	Flag	Result	Units	RL
Chloride		158	mg/Kg	1.00

Sample: 226755 - Bottom 17'

Param	Flag	Result	Units	RL
Chloride		18.8	mg/Kg	1.00

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 30, 2010

Work Order: 10032906



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
226805	West Wall South 12'	soil	2010-03-26	11:35	2010-03-26
226806	West Wall North 8'	soil	2010-03-26	11:45	2010-03-26
226807	South West Bottom 16'	soil	2010-03-26	12:00	2010-03-26
226808	North Wall East 10'	soil	2010-03-26	13:30	2010-03-26

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
226805 - West Wall South 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	1.68
226806 - West Wall North 8'	<0.0100	<0.0100	<0.0100	0.0906	<50.0	49.6
226807 - South West Bottom 16'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226808 - North Wall East 10'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 226805 - West Wall South 12'

Param	Flag	Result	Units	RL
Chloride		7.50	mg/Kg	1.00

Sample: 226806 - West Wall North 8'

Param	Flag	Result	Units	RL
Chloride		6.03	mg/Kg	1.00

Sample: 226807 - South West Bottom 16'

Param	Flag	Result	Units	RL
Chloride		7.45	mg/Kg	1.00

Sample: 226808 - North Wall East 10'

Param	Flag	Result	Units	RL
Chloride		12.0	mg/Kg	1.00

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 31, 2010

Work Order: 10033013



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
227067	South Wall West 12'	soil	2010-03-29	10:50	2010-03-30
227068	North Wall West 12'	soil	2010-03-29	15:15	2010-03-30

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
227067 - South Wall West 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
227068 - North Wall West 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 227067 - South Wall West 12'

Param	Flag	Result	Units	RL
Chloride		6.60	mg/Kg	1.00

Sample: 227068 - North Wall West 12'

Param	Flag	Result	Units	RL
Chloride		5.16	mg/Kg	1.00

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: April 21, 2010

Work Order: 10041527



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
228680	Stockpile Section A	soil	2010-04-14	09:00	2010-04-15
228681	Stockpile Section B	soil	2010-04-14	09:10	2010-04-15
228682	Stockpile Section C	soil	2010-04-14	09:20	2010-04-15
228683	Stockpile Section D	soil	2010-04-14	09:30	2010-04-15
228684	Stockpile Section E	soil	2010-04-14	09:40	2010-04-15
228685	Stockpile Section F	soil	2010-04-14	09:55	2010-04-15

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
228680 - Stockpile Section A	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	6.10
228681 - Stockpile Section B	<0.0100	<0.0100	<0.0100	0.0795	<50.0	20.2
228682 - Stockpile Section C	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	4.29
228683 - Stockpile Section D	<0.0100	<0.0100	<0.0100	0.173	<50.0	116
228684 - Stockpile Section E	<0.0100	0.0701	0.303	1.91	52.4	304
228685 - Stockpile Section F	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	13.9

Sample: 228680 - Stockpile Section A

Param	Flag	Result	Units	RL
Chloride		12.1	mg/Kg	1.00

Sample: 228681 - Stockpile Section B

Param	Flag	Result	Units	RL
Chloride		13.2	mg/Kg	1.00

Sample: 228682 - Stockpile Section C

Param	Flag	Result	Units	RL
Chloride		16.6	mg/Kg	1.00

Sample: 228683 - Stockpile Section D

Param	Flag	Result	Units	RL
Chloride		17.5	mg/Kg	1.00

Sample: 228684 - Stockpile Section E

Param	Flag	Result	Units	RL
Chloride		23.5	mg/Kg	1.00

Sample: 228685 - Stockpile Section F

Param	Flag	Result	Units	RL
Chloride		11.2	mg/Kg	1.00

**Attachment B –
Available Waste Manifests**

NON-HAZARDOUS WASTE MANIFEST

52198

PART I: Generator Alamo ()
 Address _____
 City/State Monterey, N.M. Telephone No. _____

ORIGIN OF WASTE:

Operations Center Monterey T. Salazar Permit No. _____

Property Name _____
 (Well, Tank, Battery, Plant, Facility) Monterey T. Salazar

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU. FT., LBS., UNITS, ETC.)		
Drilling Fluids _____	Tank Bottoms _____	Exempt Fluids _____
Completion Fluids _____	Gas Plant Waste _____	CI/17 No. _____
Contaminated Soil <u>X</u>	Other Materials _____	Pit No. _____
DESCRIPTION / NOTES		
<u>Ben 60 yards</u>		

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

[Signature] Date and Time of Shipment 6-23-10
 Signature of Generator's Authorized Agent

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name Controlled Recovery, Inc. Telephone No. 343-1079
 Address P.O. Box 388
 City/State Hobbs, N.M. 88241 Truck No. 415

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

[Signature] Date and Time Received 6-23-10
 Signature of Transporter's Agent

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. Telephone No. (575) 393-1079
 Address P.O. Box 388
 City/State Hobbs, N.M. 88241-0388 E-mail www.crihobbs.com

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

 Signature of Facility Agent Date and Time Received _____

NON-HAZARDOUS WASTE MANIFEST

52251

PART I: Generator _____
 Address _____
 City/State _____ Telephone No. _____

ORIGINATION OF WASTE:

Operations Center Ed. P. ... Permit No. _____

Property Name Well Tank Battery Plant Facility

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU. FT., LBS., UNITS, ETC.)		
Drilling Fluids _____	Tank Bottoms _____	Exempt Fluids _____
Completion Fluids _____	Gas Plant Waste _____	C117 No. _____
Contaminated Soil _____	Other Materials _____	Pit No. _____
DESCRIPTION / NOTES		

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

 Signature of Generator's Authorized Agent Date and Time of Shipment 4/16/09 9:35 AM

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name CRH Telephone No. 575/393-1079
 Address P.O. Box 388
 City/State Hobbs, NM Truck No. 2006

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

 Signature of Transporter's Agent Date and Time Received 4/16/09 9:33 AM

PART III: DISPOSAL OR RECLAMATION SITE:

Name Controlled Recovery, Inc. Telephone No. (575) 393-1079
 Address P.O. Box 388
 City/State Hobbs, N.M. 88241-0388 E-mail www.crihobbs.com

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

 Signature of Facility Agent Date and Time Received _____

2001

ORIGINATION OF WASTE:

Property Name _____
(Well, Tank, Battery, Plant, Facility)

Signature of Generator's Authorized Agent _____ Date and Time of Shipment _____

Name _____ Telephone No. _____
Address _____
City/State _____

Signature of Transporter's Agent _____ Date and Time Received _____

Signature of Facility Agent
Date and Time Received

152100

()

Telephone No

Operations Center 11000 11th St. N. #100 Permit No. 11000

(Well, Tank, Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS., UNITS, ETC.)

Exempt Fluids

C117 No.

Pit No. _____

DESCRIPTION/NOTES

The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Date and Time of Shipment

Name _____ Telephone No. _____
Address _____
City/State _____

Telephone No. _____

Truck No.

I certify that the waste in quantity above was received by me for shipment to the destination below

Signature of Transporter's Agent

Date and Time Received _____

Name	Controlled Recovery, Inc.	(575) 393-1079
Address	P.O. Box 388	Telephone No.
City/State	Hobbs, N.M. 88241-0388	www.crihobbs.com
		(e-mail)

Telephone No. _____

E-mail

I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent _____

Date and Time Received _____

5228

ORIGINATION OF WASTE:

Property Name Munroe Shale
(Well, Tank, Battery, Plant, Facility)

4/1/68 2:25 PM
Date and Time of Shipment

Date and Time Received

Date and Time Received _____

NON-HAZARDOUS WASTE MANIFEST

52247

PART I: Generator _____
 Address _____
 City/State _____ Telephone No. _____

ORIGINATION OF WASTE:

Operations Center _____ Permit No. _____

Property Name _____
 (Well, Tank Battery, Plant, Facility)

WASTE IDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU. FT., LBS., UNITS, ETC.)		
Drilling Fluids _____	Tank Bottoms _____	Exempt Fluids _____
Completion Fluids _____	Gas Plant Waste _____	CIH No. _____
Contaminated Soil _____	Other Materials _____	Pit No. _____
DESCRIPTION / NOTES		

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

 Signature of Generator's Authorized Agent

 Date and Time of Shipment

PART II: TRANSPORTER: (To be completed in full by Transporter)

Name _____
 Address _____
 City/State _____
 Telephone No. _____
 Truck No. _____

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

 Signature of Transporter's Agent

 Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

Name **Controlled Recovery, Inc.**
 Address **P.O. Box 388**
 City/State **Hobbs, N.M. 88241-0388**
 Telephone No. **(575) 393-1079**
 E-mail **www.crihobbs.com**

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

 Signature of Facility Agent

 Date and Time Received

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

ORIGINATION OF WASTE:

Property Name	(Well, Tank, Battery, Plant, Facility)
---------------	--

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

PART II: TRANSPORTER: (To be completed in full by Transporter)

CERTIFICATION: I certify that the waste in quantity above was received by me for shipment to the destination below.

PART III: DISPOSAL OR RECLAMATION SITE:

CERTIFICATION: I certify that the waste described in Part I was received by me via the transporter described in Part II.

Signature of Facility Agent _____ Date and Time Received _____

52246

ORGINATION OF WASTE:

Property Name W. Tank Battery, Plant Facility

4/23/10 10:00 AM
Date and Time of Shipment

575/322-1077
Telephone No.
2046
Truck No.

4/27/00 10:45 am
Date and Time Received

(575) 393-1079
Telephone No.
www.crihobbs.com
E-mail

Date and Time Received _____

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



CONTROLLED RECOVERY, INC
NMOCD Order R9166

(575)393-1079
www.crihobbs.com

Ticket: 71231

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: ROGER TRUCKING	PO:
Date/Time: 6/22/2010 3:08:19 PM	Driver: ROJALIO
3rd Party Ticket: NA	Vehicle: R-10

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20	Yards	50-51

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



CONTROLLED RECOVERY, INC
NMOCD Order R9166

(575)393-1079
www.crihobbs.com

Ticket: 71210

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig:
Trucking: ROGER TRUCKING	PO:
Date/Time: 6/22/2010 1:20:09 PM	Driver: ROJALIO
3rd Party Ticket: NA	Vehicle: R 10

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20	Yards	50-51

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
- ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71177

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: J & J	PO:
Date/Time: 6/22/2010 11:28:30 AM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20	Yards	50-51

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71212

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: J & J	PO:
Date/Time: 6/22/2010 1:29:53 PM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
- ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLs Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71232

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: J & J	PO:
Date/Time: 6/22/2010 3:10:14 PM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

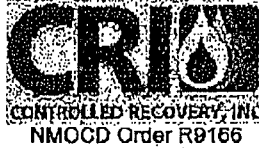
CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLs Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

Ticket: 71355

Page 1 of 1

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240(575)393-1079
www.crihobbs.com

Ticket: 71355

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: D & D	PO:
Date/Time: 6/23/2010 12:01:29 PM	Driver: JULIAN
3rd Party Ticket: NA	Vehicle: 500

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
- ☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

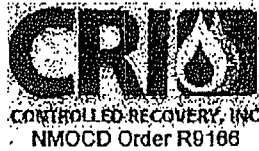
CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BELS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

Ticket: 71209

Page 1 of 1

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240(575)393-1079
www.crihobbs.com

Ticket: 71209

Bill To: EL PASO NATURAL GAS	Lease: EL PASO
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PIPELINE
Company Man: MIKE COOPER	Rig:
Trucking: D & D	PO:
Date/Time: 6/22/2010 1:14:49 PM	Driver: JULIAN
3rd Party Ticket: NA	Vehicle: 500

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

- ☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste.
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- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/Agent (signature)

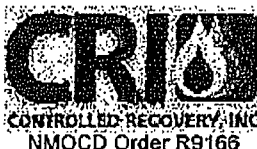
CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W O %
2nd Gauge			Free Water	
Received			Total Received	

Ticket: 71229

Page 1 of 1

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240(575)393-1079
www.crihobbs.com

Ticket: 71229

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: D & D	PO:
Date/Time: 6/22/2010 2:53:47 PM	Driver: JULIAN
3rd Party Ticket: NA	Vehicle: 500

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBL'S Received	BS & W O %
2nd Gauge			Free Water	
Received			Total Received	

Ticket: 71370

Page 1 of 1

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71370

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: STATION
Company Man: MIKE COOPER	Rig:
Trucking: J & J	PO:
Date/Time: 6/23/2010 12:45:31 PM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BBLs Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71326

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: J & J	PO:
Date/Time: 6/23/2010 9:14:48 AM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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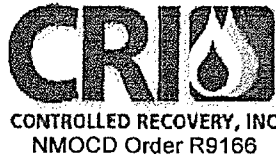
Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71342

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: J & J	PO:
Date/Time: 6/23/2010 11:00:45 AM	Driver: JOSE
3rd Party Ticket: NA	Vehicle: 12

Comments

--

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

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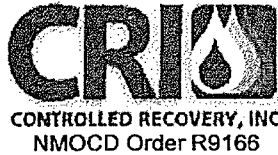
Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71327

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: ROGER TRUCKING	PO:
Date/Time: 6/23/2010 9:22:24 AM	Driver: LUPE
3rd Party Ticket: NA	Vehicle: 10

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20	Yards	50-51

Generator Certification Statement of Waste Status

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71343

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: ROGER TRUCKING	PO:
Date/Time: 6/23/2010 11:05:44 AM	Driver: LUPE
3rd Party Ticket: NA	Vehicle: 10

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

Generator Certification Statement of Waste Status

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



CONTROLLED RECOVERY, INC
NMOCD Order R9166

(575)393-1079
www.crihobbs.com

Ticket: 71323

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MIKE COOPER	Rig: NA
Trucking: D & D	PO:
Date/Time: 6/23/2010 9:01:56 AM	Driver: JULIAN
3rd Party Ticket: NA	Vehicle: 500

Comments

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W O %
2nd Gauge			Free Water	
Received			Total Received	

4507 W. Carlsbad Hwy
Hobbs, New Mexico 88240



(575)393-1079
www.crihobbs.com

Ticket: 71338

Bill To: EL PASO NATURAL GAS	Lease: MONUMENT
Company/Generator: EL PASO NATURAL GAS PLANT	Well: PLANT
Company Man: MARK COOPER	Rig: NA
Trucking: D & D	PO:
Date/Time: 6/23/2010 10:33:36 AM	Driver: JULIAN
3rd Party Ticket: NA	Vehicle: 500

Comments

--

Type of Materials

Product	Quantity	Area	Description
Contaminated Soil	20	Yards	50-51

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Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	Inches		
1st Gauge			BS & W/BLS Received	BS & W 0 %
2nd Gauge			Free Water	
Received			Total Received	

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, May 05, 2010 8:33 AM
To: 'Thompson, Glen D'
Cc: Lowe, Leonard, EMNRD
Subject: RE: Monument Station (GW-008)

Approved.

Please be advised that OCD approval of this plan does not relieve El Paso of responsibility should their operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve El Paso of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Monday, May 03, 2010 10:40 AM
To: Chavez, Carl J, EMNRD
Subject: FW: Monument Station

Carl:

Per your e-mail, I have attached the information I referenced in my phone message to you last week. When you have a moment, would you take a look at the attachments? I am seeking approval to leave cells A, B, C, and F on-site and dispose of cells D and E off-site at an NMOCD-approved disposal facility.

Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

From: Aaron Hale [mailto:ahale@kleinfelder.com]
Sent: Friday, April 23, 2010 4:13 PM
To: Thompson, Glen D
Subject: Monument Station

Hey Glen -

Here is an updated figure to show the soil staging area and a table with the laboratory analytical summary for the Monument Station Gas Plant. A soil sample was collected for laboratory analysis from each cell and analyzed for BTEX by EPA method 8021, TPH (GRO/DRO) by EPA method 8015, and Chlorides by EPA method 300. Each sample was a 5 part composite sample from each cell. Each cell of the soil staging area contains approximately 160 cubic yards of soil. Cells A, B, C and F did not exhibit TPH/BTEX/Chloride concentrations in excess of the site specific OCD Recommended Remediation Action Levels (RRALs). Cells D and E had TPH concentrations that exceeded the RRALs with concentrations of 116 and 356 mg/Kg, respectively. BTEX and Chloride concentrations for these two cells did not exceed the RRALs.

Please let me know if you have any questions.

Thanks
Aaron

Aaron M. Hale, P.G.

Location Manager
8004 W. Highway 80
Midland, Texas 79706
o | 432.563.1100
c | 432.853.8681
f | 432.561.5034



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If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this information in error, please notify the sender immediately.

Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Monday, May 03, 2010 10:40 AM
To: Chavez, Carl J, EMNRD
Subject: FW: Monument Station
Attachments: FIG 1 SITE DETAILS MAP.pdf; Monument Station Soil Data Tables.xls; Summary_Report 5.pdf; ATT1148520.txt

Carl:

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Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

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Sent: Friday, April 23, 2010 4:13 PM
To: Thompson, Glen D
Subject: Monument Station

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Thanks
Aaron

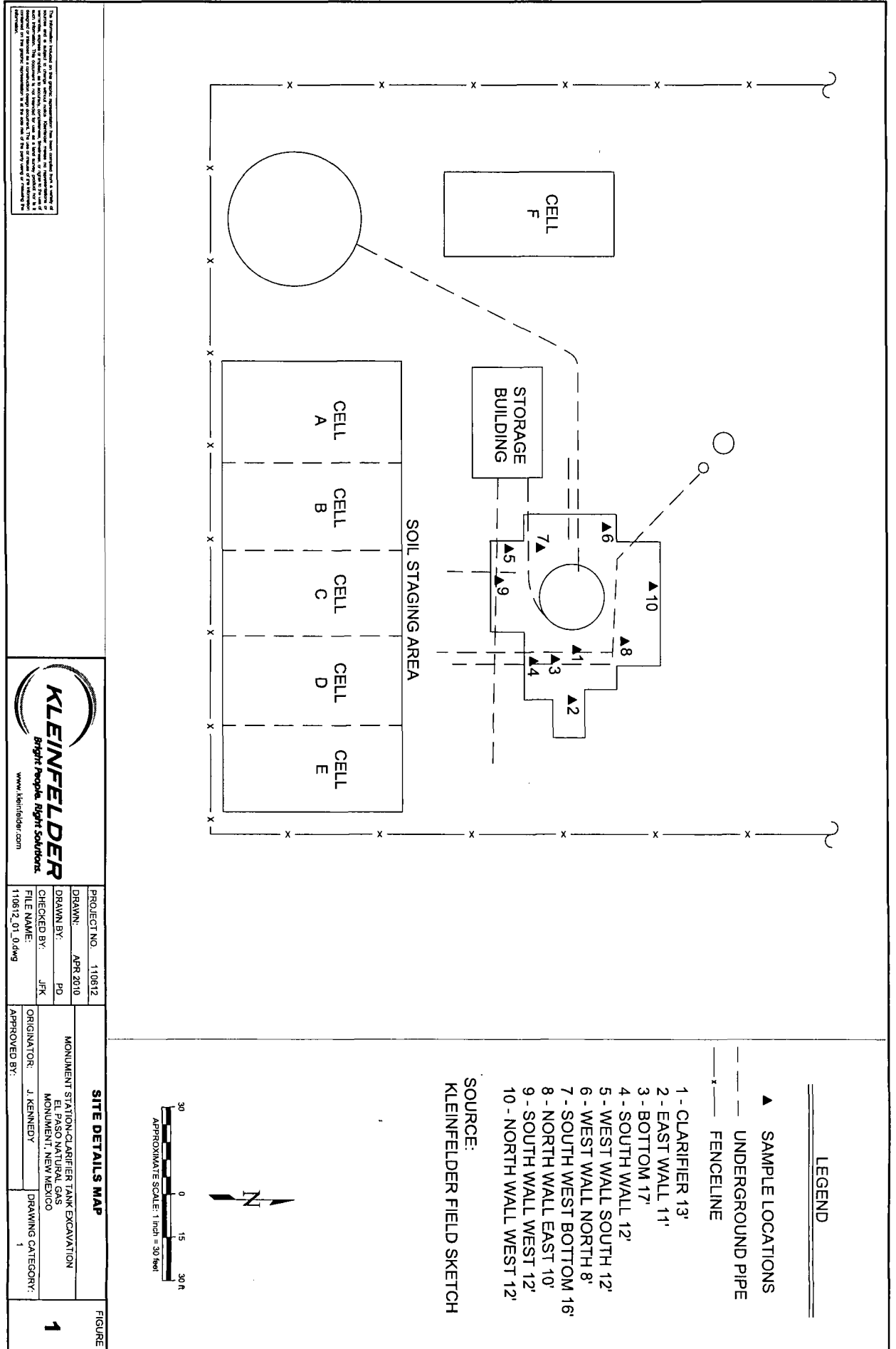
Aaron M. Hale, P.G.
Location Manager
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Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: April 21, 2010

Work Order: 10041527



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
228680	Stockpile Section A	soil	2010-04-14	09:00	2010-04-15
228681	Stockpile Section B	soil	2010-04-14	09:10	2010-04-15
228682	Stockpile Section C	soil	2010-04-14	09:20	2010-04-15
228683	Stockpile Section D	soil	2010-04-14	09:30	2010-04-15
228684	Stockpile Section E	soil	2010-04-14	09:40	2010-04-15
228685	Stockpile Section F	soil	2010-04-14	09:55	2010-04-15

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
228680 - Stockpile Section A	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	6.10
228681 - Stockpile Section B	<0.0100	<0.0100	<0.0100	0.0795	<50.0	20.2
228682 - Stockpile Section C	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	4.29
228683 - Stockpile Section D	<0.0100	<0.0100	<0.0100	0.173	<50.0	116
228684 - Stockpile Section E	<0.0100	0.0701	0.303	1.91	52.4	304
228685 - Stockpile Section F	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	13.9

Sample: 228680 - Stockpile Section A

Param	Flag	Result	Units	RL
Chloride		12.1	mg/Kg	1.00

Sample: 228681 - Stockpile Section B

Param	Flag	Result	Units	RL
Chloride		13.2	mg/Kg	1.00

Sample: 228682 - Stockpile Section C

Param	Flag	Result	Units	RL
Chloride		16.6	mg/Kg	1.00

Sample: 228683 - Stockpile Section D

Param	Flag	Result	Units	RL
Chloride		17.5	mg/Kg	1.00

Sample: 228684 - Stockpile Section E

Param	Flag	Result	Units	RL
Chloride		23.5	mg/Kg	1.00

Sample: 228685 - Stockpile Section F

Param	Flag	Result	Units	RL
Chloride		11.2	mg/Kg	1.00

TABLE I

SUMMARY OF SOIL ANALYTICAL DATA – BTEX/TPH/Chlorides

EL PASO NATURAL GAS
MONUMENT STATION
LEA COUNTY, NEW MEXICO

SAMPLE ID	DATE	DEPTH (feet)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	TPH (8015 Modified)				CHLORIDES (mg/Kg)
								TPH DRO (mg/Kg)	TPH GRO (mg/Kg)	TPH ORO (mg/Kg)	TPH (GRO/DRO) (mg/Kg)	
New Mexico Oil Conservation Division Recommended Remediation Action Levels (Total Ranking Score >19)												
			10 mg/Kg	---	---	---	50.0 mg/Kg	---	---	---	100 mg/Kg	250 mg/Kg
Initial Site Assessment Samples												
Base of Clarifier Sample 1	12/21/2007	---	<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	<100	BDL	---
Base of Clarifier Sample 2	12/21/2007	---	<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	110	110	---
Clarifier	3/10/2010	13	0.267	3.32	3.6	16	23.187	<50	858	---	858	23.9
Excavation Confirmation Samples												
East Wall	3/25/2010	11	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	158
Bottom	3/25/2010	17	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	18.8
South Wall	3/25/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	11.3
West Wall South	3/26/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	1.68	---	1.68	7.5
West Wall North	3/26/2010	8	<0.0100	<0.0100	<0.0100	0.0906	0.091	<50	49.6	---	49.6	6.03
South West Bottom	3/26/2010	16	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	7.45
North Wall East	3/26/2010	10	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	12
South Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	6.6
North Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	5.16
Soil Stockpile/Staging Area Samples												
Cell A	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	6.1	---	6.1	12.1
Cell B	4/14/2010	---	<0.0100	<0.0100	<0.0100	0.0795	0.080	<50	20.2	---	20.2	13.2
Cell C	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	4.29	---	4.29	16.6
Cell D	4/14/2010	---	<0.0100	<0.0100	<0.0100	0.173	0.173	<50	116	---	116	17.5
Cell E	4/14/2010	---	<0.0100	0.0701	0.303	1.91	2.283	52.4	304	---	356.4	23.5
Cell F	4/14/2010	---	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	13.9	---	13.9	11.2

Notes:

BTEX analysis by EPA Method 8021.

TPH analysis by EPA Method 8015 Modified.

Chloride analysis by EPA Method 300.0.

BDL- Below Detection Limits.

Bold concentrations above lab reporting limits.

Highlighted Concentrations above NMOC RRALS.

Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Friday, April 09, 2010 11:11 AM
To: Chavez, Carl J, EMNRD
Subject: RE: El Paso Monument Station (GW-008) C-141 Corrective Actions

Carl:

Just a quick update. . . El Paso is in the process of backfilling the tank hole. Merryman is the contractor handling that work. They have brought in clean fill to replace the segregated dirt removed from the tank hole. In regards to the stockpiled impacted soil, Kleinfelder is at the Monument facility today with Merryman spreading the soil on plastic to create cells so that representative samples can be collected by early next week. Once lab results have been obtained, El Paso will confirm results with you and determine the final disposition of the soil. Afterwards, El Paso will generate a final report that will be submitted with the final C-141 form. Thanks again for your assistance throughout this assessment.

Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

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THE SENDER BY REPLY E-MAIL AND DELETE ALL COPIES OF THIS MESSAGE.

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, March 31, 2010 3:48 PM
To: 'Thompson, Glen D'
Subject: RE: El Paso Monument Station (GW-008) C-141 Corrective Actions

Glen:

Based on the information provided, it appears that El Paso has performed adequate corrective action and is hereby approved. Please submit the final report with all appropriate information attached to the final C-141 to close-out this corrective action and for the OCD file.

Please contact me if you have questions. Thank you.

Please be advised that NMOCD approval of this plan does not relieve Western Refining Southwest, Inc. of responsibility should their operations pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Western Refining Southwest, Inc. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Wednesday, March 31, 2010 12:48 PM
To: Chavez, Carl J, EMNRD
Subject: FW: El Paso Monument Station

Carl:

Please review the attachments. The lab results from the delineation samples are below 100 ppm TPH and 250 ppm Chlorides. El Paso Natural Gas (EPNG) is requesting your approval to backfill the tank hole and submit a final C-141 report.

Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

~ (432) 686-3268 office

From: Aaron Hale [mailto:ahale@kleinfelder.com]
Sent: Wednesday, March 31, 2010 12:45 PM
To: Thompson, Glen D
Cc: James Kennedy
Subject: El Paso Monument Station

Hey Glen -

Here is the data gathered to date for the Monument Station site clarifier tank investigation. Kleinfelder collected a soil sample from the valve adjacent to the clarifier tank at a depth of approximately 13 feet below ground surface on March 10, 2010. The site was ranked according to NMOCD guidelines. Based on the depth to the first occurrence of groundwater being less than 50 feet below ground surface, the most stringent remediation limits apply to this site (10 mg/Kg Benzene, 50 mg/Kg Total BTEX, and 100 mg/Kg Total TPH). This sample from the clarifier tank valve area exceeded the site specific remediation limit due to a TPH (GRO/DRO) concentration of 858 mg/Kg. Kleinfelder and El Paso Natural Gases excavation contractor mobilized to the site and began excavation activities of this soil. A Kleinfelder scientist field screened the excavated soils for the presence of organic vapors using a photo-ionization detector. Based on the field screening results, confirmation soil samples were collected and submitted to a laboratory for analysis. The analysis consisted of BTEX by EPA method 8021, TPH by EPA method 8015 (GRO/DRO) and Chlorides by EPA method 300.0. During the course of the excavation activities, seven wall samples and 2 floor samples were collected. All samples exhibited concentrations that were either below NMOCD site specific remediation limits and/or below the laboratory detection limits. Excavated soils is currently stockpiled on plastic at the site.

In addition, two samples were collected by El Paso Natural Gas in 2007 during the removal of a former tank in this area. The former tank was removed and this clarifier tank was put in its place. Two soil samples were collected at that time. One sample had a Total TPH concentration that exceeded the site specific remediation limit by 10 mg/Kg. This sample was collected from within the area that was excavated. This soil has been brought to the surface for remediation with all the other soil from around the clarifier tank.

With this e-mail is a site map showing the location of the samples in relation to the tank and an onsite building, a figure showing surface and groundwater in the vicinity of Monument Station, a summary table with all the laboratory data including the two samples collected by El Paso Natural Gas in 2007, and laboratory summary reports for all samples collected as part of this investigation.

If you have any questions, please do not hesitate to call me.

Thank you.

Aaron M. Hale, P.G.
Location Manager
8004 W. Highway 80
Midland, Texas 79706
o | 432.563.1100
c | 432.853.8681
f | 432.561.5034



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Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Wednesday, March 31, 2010 12:48 PM
To: Chavez, Carl J, EMNRD
Subject: FW: El Paso Monument Station
Attachments: Summary_Report 3.pdf; Summary_Report 4.pdf; Summary_Report 1.pdf; Summary_Report 2.pdf; 2007121820.pdf; surface and groundwater map.pdf; EPNG MONUMENT MAP.PDF; Monument Station Laboratory Summary Table.pdf; ATT1453458.txt

Carl:

Please review the attachments. The lab results from the delineation samples are below 100 ppm TPH and 250 ppm Chlorides. El Paso Natural Gas (EPNG) is requesting your approval to backfill the tank hole and submit a final C-141 report.

Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

(432) 686-3268 office

From: Aaron Hale [mailto:ahale@kleinfelder.com]
Sent: Wednesday, March 31, 2010 12:45 PM
To: Thompson, Glen D
Cc: James Kennedy
Subject: El Paso Monument Station

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If you have any questions, please do not hesitate to call me.

Thank you.

Aaron M. Hale, P.G.

Location Manager
8004 W. Highway 80
Midland, Texas 79706
o | 432.563.1100
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PROJECT El Paso National Gas Monument Sta.
 SUBJECT Clarifier Tank Excavation

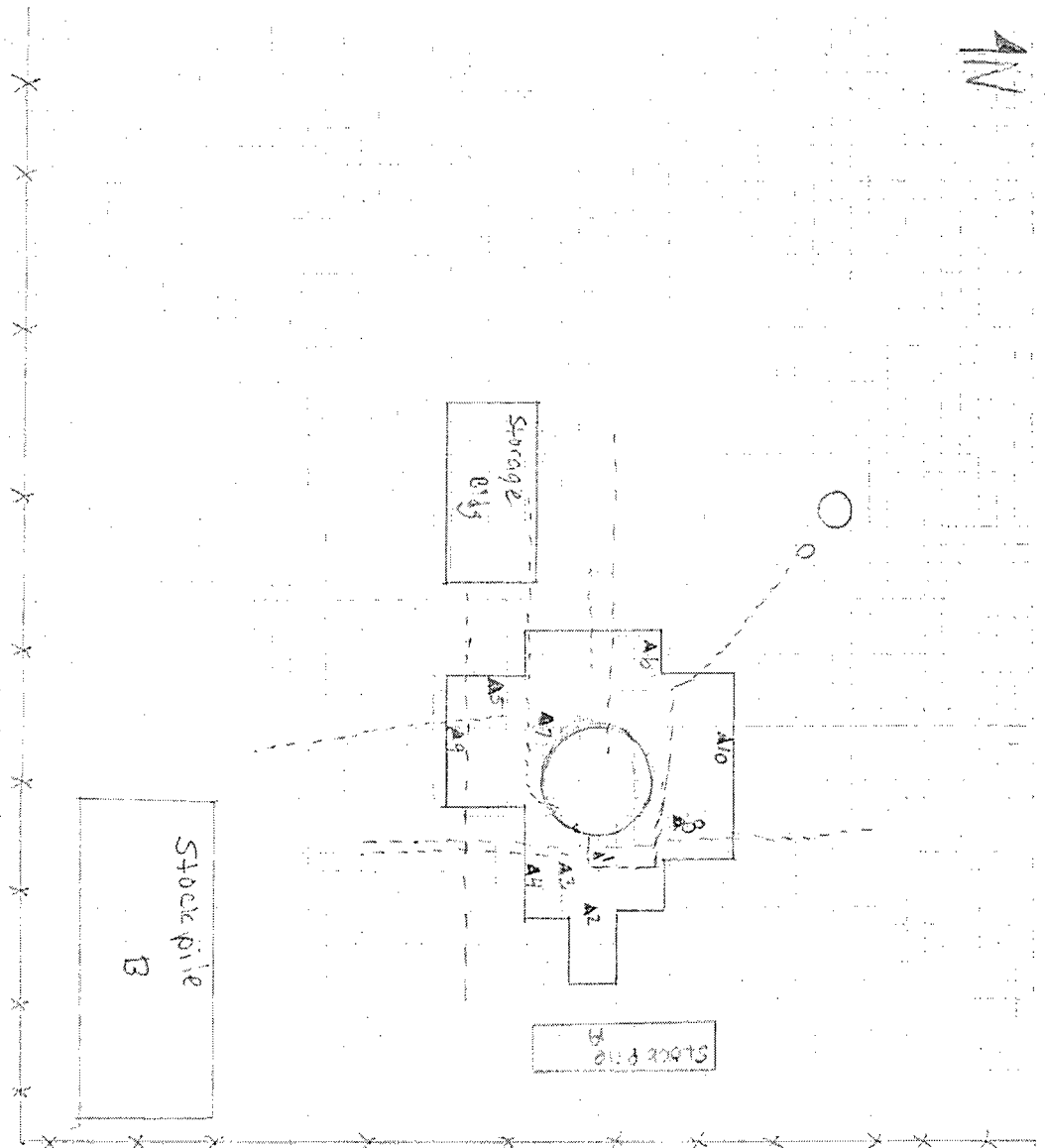
PROJECT NO. 110162

BY James Kennedy

DATE 3-29-10

REVIEWED BY Quile

DATE 3-31-10



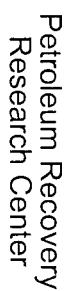
1"=40'

▲ Sample Locations

--- Underground pipe

--- Fence line

- 1-Clarifier 13'
- 2-East wall 11'
- 3-Bottom 17'
- 4-South wall 12'
- 5-West wall South 12'
- 6-West wall North 8'
- 7-South west Bottom 16'
- 8-North wall East 10'
- 9-South wall West 12'
- 10-North wall West 12'



Surface Water and Groundwater Map

Figure: 1

El Paso Natural Gas

~~Measurement Citations~~

TABLE I

SUMMARY OF SOIL ANALYTICAL DATA – BTEX/TPH/Chlorides

EL PASO NATURAL GAS
MONUMENT STATION
LEA COUNTY, NEW MEXICO

SAMPLE ID	DATE	DEPTH (feet)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	TPH (8015 Modified)				CHLORIDES (mg/Kg)
								TPH DRO (mg/Kg)	TPH GRO (mg/Kg)	TPH ORO (mg/Kg)	TPH (GRO/DRO) (mg/Kg)	
New Mexico Oil Conservation Division Recommended Remediation Action Levels (Total Ranking Score >19)												
			10 mg/Kg	---	---	---	50.0 mg/Kg	---	---	---	100 mg/Kg	250 mg/Kg
Initial Site Assessment Samples												
Base of Clarifier Sample 1	12/21/2007		<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	<100	BDL	---
Base of Clarifier Sample 2	12/21/2007		<0.050	<0.10	<0.10	<0.15	BDL	<20	<30	110	110	---
Clarifier	3/10/2010	13	0.267	3.32	3.6	16	23.187	<50	858	---	858	23.9
Excavation Confirmation Samples												
East Wall	3/25/2010	11	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	158
Bottom	3/25/2010	17	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	18.8
South Wall	3/25/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	11.3
West Wall South	3/26/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	1.68	---	1.68	7.5
West Wall North	3/26/2010	8	<0.0100	<0.0100	<0.0100	0.0906	0.091	<50	49.6	---	49.6	6.03
South West Bottom	3/26/2010	16	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	7.45
North Wall East	3/26/2010	10	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	12
South Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	6.6
North Wall West	3/29/2010	12	<0.0100	<0.0100	<0.0100	<0.0100	BDL	<50	<1.0	---	BDL	5.16

Notes:

BTEX analysis by EPA Method 8021.

TPH analysis by EPA Method 8015 Modified.

Chloride analysis by EPA Method 300.0.

BDL- Below Detection Limits.

Bold concentrations above lab reporting limits.

Highlighted Concentrations above NMOC RRALS.

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 30, 2010

Work Order: 10032906



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
226805	West Wall South 12'	soil	2010-03-26	11:35	2010-03-26
226806	West Wall North 8'	soil	2010-03-26	11:45	2010-03-26
226807	South West Bottom 16'	soil	2010-03-26	12:00	2010-03-26
226808	North Wall East 10'	soil	2010-03-26	13:30	2010-03-26

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
226805 - West Wall South 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	1.68
226806 - West Wall North 8'	<0.0100	<0.0100	<0.0100	0.0906	<50.0	49.6
226807 - South West Bottom 16'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226808 - North Wall East 10'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 226805 - West Wall South 12'

Param	Flag	Result	Units	RL
Chloride		7.50	mg/Kg	1.00

Sample: 226806 - West Wall North 8'

Param	Flag	Result	Units	RL
Chloride		6.03	mg/Kg	1.00

Sample: 226807 - South West Bottom 16'

Param	Flag	Result	Units	RL
Chloride		7.45	mg/Kg	1.00

Sample: 226808 - North Wall East 10'

Param	Flag	Result	Units	RL
Chloride		12.0	mg/Kg	1.00

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 30, 2010

Work Order: 10032627



Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
226753	South Wall 12'	soil	2010-03-25	10:00	2010-03-26
226754	East Wall 11'	soil	2010-03-25	09:00	2010-03-26
226755	Bottom 17'	soil	2010-03-25	10:30	2010-03-26

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
226753 - South Wall 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226754 - East Wall 11'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
226755 - Bottom 17'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 226753 - South Wall 12'

Param	Flag	Result	Units	RL
Chloride		11.3	mg/Kg	1.00

Sample: 226754 - East Wall 11'

Param	Flag	Result	Units	RL
Chloride		158	mg/Kg	1.00

Sample: 226755 - Bottom 17'

Param	Flag	Result	Units	RL
Chloride		18.8	mg/Kg	1.00

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 31, 2010

Work Order: 10033013



Project Location: Monument, NM
Project Name: Monument Station
Project Number: 110162

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
227067	South Wall West 12'	soil	2010-03-29	10:50	2010-03-30
227068	North Wall West 12'	soil	2010-03-29	15:15	2010-03-30

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
227067 - South Wall West 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00
227068 - North Wall West 12'	<0.0100	<0.0100	<0.0100	<0.0100	<50.0	<1.00

Sample: 227067 - South Wall West 12'

Param	Flag	Result	Units	RL
Chloride		6.60	mg/Kg	1.00

Sample: 227068 - North Wall West 12'

Param	Flag	Result	Units	RL
Chloride		5.16	mg/Kg	1.00



LABORATORY SERVICE REPORT

REQUESTOR:	Morrow, Kenny Hobbs, NM (505) 492-2380	REPORT DATE:	1/11/2008
		REQUEST NO:	2007121820
		APPROVED BY:	Campbell, Darrell
		PENDING REQ. ID:	2007121820
DEPARTMENT:	Midland Division		
DISTRIBUTION:	Haveaman, Billy; Howell, Timothy G; Thompson, Glen; Uribe, Osias; Whitney, Mark P		
PERFORMED BY:	Transwest Geochem		

Request Description: Soil samples @ Monument Station. (Classifier Tank)
Date Received: 12/21/2007
Date Completed: 1/11/2008

Sample No:	1	Sampled By:	Mark Whitney	Sample Date:	12/20/2007 12:00:00 PM
Received Vol.:		Received Date:	12/21/2007		
Description:	Soil taken on east side at base of tank.				
Analysis:	WP Special				
Purpose:	Disposal/Environmental Concerns				
Matrix:	Soil				
Location:	EPNG - Midland - Plains - 6550 - 0000+0 - Classifier - Soil at base of classifier tank				
Sample No:	2	Sampled By:	Mark Whitney	Sample Date:	12/20/2007 12:15:00 PM
Received Vol.:		Received Date:	12/21/2007		
Description:	Soil taken on west side at base of tank.				
Analysis:	WP Special				
Purpose:	Disposal/Environmental Concerns				
Matrix:	Soil				
Location:	EPNG - Midland - Plains - 6550 - 0000+0 - Classifier - Soil at base of classifier tank				

Data: See attached sheet(s).

Comments:

<u>Sample:</u>	<u>1</u>	<u>2</u>
<u>Total Petroleum Hydrocarbon</u>		
<u>8015AZ</u>		
C6-C10 GRO (mg/Kg)	< 20	< 20
C10-C22 DRO (mg/Kg)	< 30	< 30
C22-C32 ORO (mg/Kg)	< 100	110
C10-C32 SRL (mg/Kg)	< 130	< 130
<u>8021B Analysis</u>		
Benzene (mg/Kg)	< 0.050	< 0.050
Toluene (mg/Kg)	< 0.10	< 0.10
Ethylbenzene (mg/Kg)	< 0.10	< 0.10
Xylenes, Total (mg/Kg)	< 0.15	< 0.15

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Request: 2007121820

<u>Sample:</u>	<u>1</u>	<u>2</u>
<u>Total Organic Halogens</u>		
Total Organic Halogens (mg/Kg)	< 5.0	< 5.0

Summary Report

Aaron Hale
Kleinfelder-Midland
8004 West Hwy. 80
Midland, TX 79706

Report Date: March 25, 2010

Work Order: 10031108



Project Location: Monument, NM
Project Name: Monument Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
225222	Scrubber Dump 5'	soil	2010-03-10	10:50	2010-03-10
225223	Clarifier 13'	soil	2010-03-10	12:20	2010-03-10

Sample - Field Code	BTEX				TPH DRO - NEW	TPH GRO
	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
225222 - Scrubber Dump 5'	<0.0100	0.0664	<0.0100	0.198	<50.0	30.4
225223 - Clarifier 13'	0.267	3.32	3.60	16.0	<50.0	858

Sample: 225222 - Scrubber Dump 5'

Param	Flag	Result	Units	RL
Total PCB		0.0252	mg/Kg	0.00167
Aroclor 1016 (PCB-1016)		<0.00334	mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		<0.00334	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		<0.00334	mg/Kg	0.00167
Aroclor 1242 (PCB-1242)		<0.00334	mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		<0.00334	mg/Kg	0.00167
Aroclor 1254 (PCB-1254)		0.0252	mg/Kg	0.00167
Aroclor 1260 (PCB-1260)		<0.00334	mg/Kg	0.00167
Aroclor 1268 (PCB-1268)		<0.00334	mg/Kg	0.00167

Sample: 225223 - Clarifier 13'

Param	Flag	Result	Units	RL
Chloride		23.9	mg/Kg	1.00
Total PCB		0.187	mg/Kg	0.00167

continued ...

sample 225223 continued ...

Param	Flag	Result	Units	RL
Aroclor 1016 (PCB-1016)		<0.00835	mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		<0.00835	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		<0.00835	mg/Kg	0.00167
Aroclor 1242 (PCB-1242)		<0.00835	mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		<0.00835	mg/Kg	0.00167
Aroclor 1254 (PCB-1254)		0.187	mg/Kg	0.00167
Aroclor 1260 (PCB-1260)		<0.00835	mg/Kg	0.00167
Aroclor 1268 (PCB-1268)		<0.00835	mg/Kg	0.00167

Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Wednesday, March 17, 2010 4:29 PM
To: Chavez, Carl J, EMNRD
Subject: RE: El Paso (GW-008) NM Tech GIS & Note to File
Attachments: Monument C-141 (2010-03-17) Update.pdf; ATT156997.txt

Carl:

Per our discussion earlier today and per your e-mail below, El Paso Natural Gas Company (EPNG) has included an updated C-141 form that details the events that have occurred to date. That information has been included in the section titled "Describe Cause of Problem and Remedial Action Taken" and is subtitled "March 17, 2010 Update". EPNG will continue to keep you updated of these activities are completed. Please call me if you have any additional questions.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas
(432) 686-3268 office

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Wednesday, March 17, 2010 4:24 PM
To: Thompson, Glen D
Subject: El Paso (GW-008) NM Tech GIS & Note to File

Glen:

OCD acknowledges El Paso's call today following up on a pin-hole leak and C-141 Form submitted as a courtesy. However, upon further work, there were elevated levels of TPH (~900 ppm) that El Paso is working to excavate. An updated C-141 Form will be submitted today, and OCD has agreed that El Paso should continue to remove the spill/release regardless of size or volume as a housekeeping issue unless El Paso has reason to believe that it is a major release. At the point the release is cleaned up, a final C-141 will follow w/ attached documentation of the corrective action. Currently, only about 1 barrel of soil was removed from the leak location, but El Paso and its consultant believe they are close to completing the corrective action. Field PID methods will be instituted and chloride sample(s) will complement any basal verification of clean soils.

Please find below the GIS link that I think would be beneficial for you to use going forward on all of your facilities. Please do not be disillusioned based on the "Pit" connotation as the GIS is beneficial for other applications as well.

Geographic Information System (GIS)

Developed by: New Mexico Tech Petroleum Recovery Research
Center (PRRC) for OCD Pit Rules
(10-8-2009)

This GIS while developed for pits provides GIS information for oil, gas and water wells with geology, etc. across the entire State of New Mexico and serves as a useful GIS tool to OCD Staff and the general public.

Website Address: <http://ford.nmt.edu/> (go to Pit Rules Mapping Portal)

Pit Rule Mapping Portal: <http://pitrule.source3.com/>

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oecd/index.htm>
(Pollution Prevention Guidance is under "Publications")

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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☐ Final Report

Name of Company	El Paso Natural Gas Company	Contact	Glen Thompson
Address	43 Brady Lane, Monument, NM 88240	Telephone No.	(432) 686-3268
Facility Name	Monument Compressor Station	Facility Type	Compressor Station

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	1	20 South	36 East					Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Pin hole leak - no visible release Valve leak - oily water	Volume of Release	Pin hole leak - no visible release Valve leak - approx. 4 gallons	Volume Recovered	Pin hole leak - no visible release Valve leak - approx. 4-gallons recovered
Source of Release	Discovered pin hole leak during 5-year line testing	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	Pinhole leak and valve leak on 03/03/2010 at 1:00 p.m. Central Standard Time
Was Immediate Notice Given? Courtesy notification	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Carl Chavez		
By Whom?	Glen Thompson	Date and Hour	03/04/2010 11:46 a.m. Central Standard Time		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	Not applicable		

If a Watercourse was Impacted, Describe Fully.*
Watercourse was not impacted.

Describe Cause of Problem and Remedial Action Taken.*

El Paso Natural Gas Company (EPNG) was conducting pressure testing of the below-grade drain lines at the Monument Compressor Station beginning the week of February 22nd. While conducting line testing for the drain lines from the sour gas scrubbers, the testers were unable to maintain line pressure. Site personnel began excavating the below-grade line to determine if there was a leak. On March 3, 2010 at approximately 1 p.m. Central Standard Time, a pinhole opening was discovered at the top of the below-grade piping at the base of the first stage sour gas scrubber. Operations personnel visually inspected the area around the pinhole and saw no visible surface staining or signs of a leak.

The below-grade lines are opened and closed from a valve box adjacent to the double-wall, below-grade classifier. Upon opening the top of the valve box, site personnel discovered approximately four gallons of oily water below the valve. Further examination identified a small leak on the opposite side of the valve from where the lines were being tested. The leak was not part of the below-grade lines being tested.

EPNG contacted the NMOCD to notify them of the confirmed "loss of integrity" of the below-grade drain line for the scrubber and per your request to provide a courtesy notification of the discovery of the approximate four-gallon release.

March 17, 2010 Update

Visibly impacted soil around the valve box was removed and placed in a drum. EPNG directed an environmental consultant to sample approximately five feet underneath the valve box and five feet underneath the pinhole opening of the below-grade piping at the base of the first stage sour gas scrubber. The consultant collected samples on March 10, 2010 and submitted for lab analysis of TPH, GRO and DRO, BTEX, and PCBs. Lab analysis indicated that the sample taken underneath the pinhole opening at the base of the first stage sour gas scrubber was below state action levels for TPH, BTEX, and PCBs. No additional remedial activities are planned in this area. Lab analysis indicated that the sample taken underneath the valve box was below state action levels for BTEX and PCBs. However, TPH concentrations appear to exceed the site-specific TPH limit of 100 ppm. EPNG is working with the consultant to complete additional excavation of the area underneath the valve box. EPNG's consultant will provide PID screening as a tool to aid in determining the extent of the excavation. As requested by the NMOCD, EPNG will add chlorides to the sample analysis.

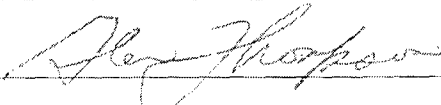
Describe Area Affected and Cleanup Action Taken.*

The approximate four gallons of oily water from below the valve have been collected along with the impacted gravel and stored in a 55-gallon drum. EPNG will have a consultant sample underneath both the valve and where the pinhole opening was located in the below-grade piping to confirm no additional remedial activities are necessary. Repairs were made to the piping and the line has passed a subsequent pressure test.

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.

OIL CONSERVATION DIVISION

Signature:



Printed Name: Glen Thompson

Approved by District Supervisor:

Title: Division Environmental Representative

Approval Date:

Expiration Date:

E-mail Address: glen.thompson@elpaso.com

Conditions of Approval:

Attached ☐

Date: March 17, 2010

Phone: (432) 686-3268

* Attach Additional Sheets If Necessary

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Wednesday, March 17, 2010 3:24 PM
To: 'Thompson, Glen D'
Subject: El Paso (GW-008) NM Tech GIS & Note to File

Glen:

OCD acknowledges El Paso's call today following up on a pin-hole leak and C-141 Form submitted as a courtesy. However, upon further work, there were elevated levels of TPH (~900 ppm) that El Paso is working to excavate. An updated C-141 Form will be submitted today, and OCD has agreed that El Paso should continue to remove the spill/release regardless of size or volume as a housekeeping issue unless El Paso has reason to believe that it is a major release. At the point the release is cleaned up, a final C-141 will follow w/ attached documentation of the corrective action. Currently, only about 1 barrel of soil was removed from the leak location, but El Paso and its consultant believe they are close to completing the corrective action. Field PID methods will be instituted and chloride sample(s) will complement any basal verification of clean soils.

Please find below the GIS link that I think would be beneficial for you to use going forward on all of your facilities. Please do not be disillusioned based on the "Pit" connotation as the GIS is beneficial for other applications as well.

Geographic Information System (GIS)

**Developed by: New Mexico Tech Petroleum Recovery Research
Center (PRRC) for OCD Pit Rules
(10-8-2009)**

This GIS while developed for pits provides GIS information for oil, gas and water wells with geology, etc. across the entire State of New Mexico and serves as a useful GIS tool to OCD Staff and the general public.

Website Address: <http://ford.nmt.edu/> (go to Pit Rules Mapping Portal)

Pit Rule Mapping Portal: <http://pitrule.source3.com/>

Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462

E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Tuesday, March 09, 2010 1:06 PM
To: 'Thompson, Glen D'
Subject: RE: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Glen:

Please update the OCD on the investigation to determine the extent of any contamination from the leaks described within 30 days or by April 9, 2010. Also, please send the documentation of the repairs and pressure testing confirming the new lines passed the MIT for the file.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/oed/index.htm>
(Pollution Prevention Guidance is under "Publications")

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Monday, March 08, 2010 7:23 PM
To: Chavez, Carl J, EMNRD
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Per our discussion, EPNG has completed the attached C-141 form and is forwarding to you for your review and records.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Thursday, March 04, 2010 4:34 PM
To: Thompson, Glen D
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Glen:

Good afternoon. Thank you for verbally contacting the New Mexico Oil Conservation Division (OCD) regarding the MIT of the line that failed as required under your OCD Discharge Permit.

OCD recommends that you follow-up with a C-141 that documents the location of the leak, type of fluids, and any corrective action(s) taken to repair the line and cleanup the release. There is an initial notice and after cleanup, you may send the same form as final with any attachments documenting El Paso's corrective actions.

OCD maintains a OCD Online file at <http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV000GW00008>. The Order Name is "GW" and the Order Number is "8." Your phone number is (432) 686-3268.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

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Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Monday, March 08, 2010 7:23 PM
To: Chavez, Carl J, EMNRD
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line
Attachments: Monument C-141 (2010-03-08).pdf; ATT877749.txt

Per our discussion, EPNG has completed the attached C-141 form and is forwarding to you for your review and records.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Thursday, March 04, 2010 4:34 PM
To: Thompson, Glen D
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Glen:

Good afternoon. Thank you for verbally contacting the New Mexico Oil Conservation Division (OCD) regarding the MIT of the line that failed as required under your OCD Discharge Permit.

OCD recommends that you follow-up with a C-141 that documents the location of the leak, type of fluids, and any corrective action(s) taken to repair the line and cleanup the release. There is an initial notice and after cleanup, you may send the same form as final with any attachments documenting El Paso's corrective actions.

OCD maintains a OCD Online file at
<http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV000GW00008>. The Order Name is "GW" and the Order Number is "8." Your phone number is (432) 686-3268.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	El Paso Natural Gas Company	Contact	Glen Thompson
Address	43 Brady Lane, Monument, NM 88240	Telephone No.	(432) 686-3268
Facility Name	Monument Compressor Station	Facility Type	Compressor Station

Surface Owner	Mineral Owner	Lease No.
---------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	I	20 South	36 East					Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Pin hole leak - no visible release Valve leak - oily water	Volume of Release	Pin hole leak - no visible release Valve leak - approx. 4 gallons	Volume Recovered	Pin hole leak - no visible release Valve leak - approx. 4 gallons recovered
Source of Release	Discovered pin hole leak during 5-year line testing	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	Pinhole leak and valve leak on 03/03/2010 at 1:00 p.m. Central Standard Time
Was Immediate Notice Given?	Courtesy notification <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Carl Chavez		
By Whom?	Glen Thompson	Date and Hour	03/04/2010 11:46 a.m. Central Standard Time		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	Not applicable		

If a Watercourse was Impacted, Describe Fully.*
Watercourse was not impacted.

Describe Cause of Problem and Remedial Action Taken.*

El Paso Natural Gas Company (EPNG) was conducting pressure testing of the below-grade drain lines at the Monument Compressor Station beginning the week of February 22nd. While conducting line testing for the drain lines from the sour gas scrubbers, the testers were unable to maintain line pressure. Site personnel began excavating the below-grade line to determine if there was a leak. On March 3, 2010 at approximately 1 p.m. Central Standard Time, a pinhole opening was discovered at the top of the below-grade piping at the base of the first stage sour gas scrubber. Operations personnel visually inspected the area around the pinhole and saw no visible surface staining or signs of a leak.

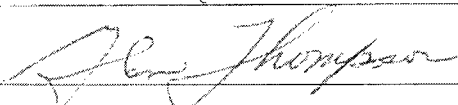
The below-grade lines are opened and closed from a valve box adjacent to the double-wall, below-grade classifier. Upon opening the top of the valve box, site personnel discovered approximately four gallons of oily water below the valve. Further examination identified a small leak on the opposite side of the valve from where the lines were being tested. The leak was not part of the below-grade lines being tested.

EPNG contacted the NMOCD to notify them of the confirmed "loss of integrity" of the below-grade drain line for the scrubber and per your request to provide a courtesy notification of the discovery of the approximate four-gallon release.

Describe Area Affected and Cleanup Action Taken.*

The approximate four gallons of oily water from below the valve have been collected along with the impacted gravel and stored in a 55-gallon drum. EPNG will have a consultant sample underneath both the valve and where the pinhole opening was located in the below-grade piping to confirm no additional remedial activities are necessary. Repairs were made to the piping and the line has passed a subsequent pressure test.

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: 
Printed Name: Glen Thompson

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Title: Division Environmental Representative	Approval Date:	Expiration Date:
E-mail Address: glen.thompson@elpaso.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: March 8, 2010 Phone: (432) 686-3268		

* Attach Additional Sheets If Necessary

Chavez, Carl J, EMNRD

From: Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent: Thursday, March 04, 2010 4:44 PM
To: Chavez, Carl J, EMNRD
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: RE: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Yes, per our discussion at 11:43 a.m. CST El Paso Natural Gas Company notified you of the line test failure for one of the drain lines at Monument (GW-008). The failure was a pinhole leak in a weld on the drain line from the first stage sour gas scrubber. There was no visible released liquid at this location.

During the course of isolating the drain lines for testing, approximately four gallons of "oily water" were discovered in the valve box adjacent to the classifier. This second location is on the other side of the valve and not part of the line tests. Per your recommendation, El Paso Natural Gas Company will follow-up this morning's verbal notification with the C-141 that documents the items you mentioned below. If you have any additional questions I can be reached at (432) 686-3268.

Glen Thompson
Principal Environmental Representative
El Paso Natural Gas

From: Chavez, Carl J, EMNRD [mailto:CarlJ.Chavez@state.nm.us]
Sent: Thursday, March 04, 2010 4:34 PM
To: Thompson, Glen D
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Glen:

Good afternoon. Thank you for verbally contacting the New Mexico Oil Conservation Division (OCD) regarding the MIT of the line that failed as required under your OCD Discharge Permit.

OCD recommends that you follow-up with a C-141 that documents the location of the leak, type of fluids, and any corrective action(s) taken to repair the line and cleanup the release. There is an initial notice and after cleanup, you may send the same form as final with any attachments documenting El Paso's corrective actions.

OCD maintains a OCD Online file at <http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV000GW00008>. The Order Name is "GW" and the Order Number is "8." Your phone number is (432) 686-3268.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

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Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, March 04, 2010 3:34 PM
To: 'glen.thompson@elpaso.com'
Cc: Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD
Subject: Monument Compressor Station (GW-008) Flow-Line MIT Failure & Discovery of Leak in Line

Glen:

Good afternoon. Thank you for verbally contacting the New Mexico Oil Conservation Division (OCD) regarding the MIT of the line that failed as required under your OCD Discharge Permit.

OCD recommends that you follow-up with a C-141 that documents the location of the leak, type of fluids, and any corrective action(s) taken to repair the line and cleanup the release. There is an initial notice and after cleanup, you may send the same form as final with any attachments documenting El Paso's corrective actions.

OCD maintains a OCD Online file at <http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV000GW00008>. The Order Name is "GW" and the Order Number is "8." Your phone number is (432) 686-3268.

Please contact me if you have questions. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505
Office: (505) 476-3490
Fax: (505) 476-3462
E-mail: CarlJ.Chavez@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/index.htm>
(Pollution Prevention Guidance is under "Publications")

Lowe, Leonard, EMNRD

From: Marco Wikstrom [mwikstrom@kleinfelder.com]
Sent: Wednesday, July 08, 2009 8:19 PM
To: Lowe, Leonard, EMNRD
Cc: Glen.Thompson@ElPaso.com; David Janney
Subject: Public Notice Affidavits, Monument Compressor Station
Attachments: AFF%201[1].pdf; AFF%202[1].pdf

Mr. Lowe,

Attached are the public notice affidavits for the Monument compressor station.

Please let me know if you have any questions.

Thank you,

Marco Wikstrom

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AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KENNETH NORRIS,
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published at Hobbs, New Mexico, do
solemnly swear that the clipping
attached hereto was published in the
regular and entire issue of said paper,
and not a supplement thereof for a
period

of 1 issue(s).

Beginning with the issue dated
June 4, 2009

and ending with the issue dated
June 4, 2009

ADVERTISING MANAGER
Sworn and subscribed to before

me this 23rd day of
June, 2009

Notary Public.

My Commission expires
February 09, 2013

(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for said
publication has been made.

PUBLIC NOTICE

Application for a Discharge Permit Renewal for the Monument Compressor Station (GW-8), Lea County, NM

El Paso Natural Gas (EPNG) hereby gives notice that the following discharge permit application has been submitted in accordance with Subsections A, C, E, and F of 20.6.2.3108 NM Administrative Code.

El Paso Natural Gas Company (EPNG), 2316 W. Bender Blvd., Hobbs, NM 88240 has submitted a renewal application for the Monument compressor station which is located in the NW-1/4 of Section 1, Township 20 south, Range 36 east, in Lea County, NM. The facility is located approximately 11.8 miles southwest of Hobbs, NM and 2.5 miles west of State Highway 8. The mailing address for the Monument compressor station is El Paso Natural Gas, 2316 West Bender Blvd., Hobbs, NM 88240.

The Monument compressor station is part of a network that transports an amount of natural gas that varies according to customer demand. Compression is needed to move natural gas through the pipeline. No intentional or inadvertent discharges that could affect surface or groundwater are known or anticipated at the facility. Potential discharges at the station are limited to approximately 27,000 gallons of new and used oil from aboveground and belowground storage tanks. These tanks are equipped with secondary containment and liquid level indicators to prevent spills. Process fluids such as water and used oil associated with daily operations are contained by a facility drain system, transferred to storage tanks, then recycled or disposed by NMOCD approved facilities.

The first groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth of 40 feet below the ground surface. This aquifer system has a total dissolved solids concentration of between 707 and 4,230 milligrams per liter or greater.

The discharge plan submitted to the NMOCD outlines how produced water, used oil, and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of NM.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments, please contact:

Leonard Lowe
Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505
Phone: (505) 476-3492

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this application and will provide future notices for the Monument compressor facility upon request.

49102027

00032240

KLEINFELDER
8300 JEFFERSON NE SUITE B
ALBUQUERQUE, NM N 87113

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KENNETH NORRIS,
ADVERTISING MANAGER,
of the Hobbs News-Sun, a newspaper
published at Hobbs, New Mexico, do
solemnly swear that the clipping
attached hereto was published in the
regular and entire issue of said paper,
and not a supplement thereof for a
period

of 1 issue(s).

Beginning with the issue dated
June 4, 2009

and ending with the issue dated
June 4, 2009

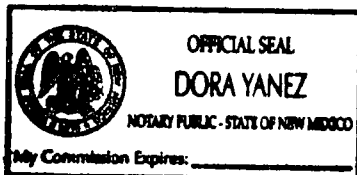
ADVERTISING MANAGER
Sworn and subscribed to before

me this 23rd day of
June, 2009

Notary Public.

My Commission expires
February 09, 2013

(Seal)



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publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for said
publication has been made.

AVISO PÚBLICO

Uso para una renovación del permiso de la descarga para la estación del compresor
del monumento (GW-8), condado del pasto, Nuevo México

El Paso Natural Gas (EPNG) da por este medio el aviso que el uso siguiente del permiso de la descarga se
ha sometido de acuerdo con la subdivisión A, C, E, y F del código administrativo de 20.6.2.31 08 Nuevo México.

El Paso Natural Gas Company (EPNG), 2316 W. Bender Blvd., Hobbs, NM 88240 ha presentado una solici-
tud de la renovación para la estación del compresor del monumento que está situada en el NW/4 de la sección
1, el municipio 20 del sur, se extiende 36 del este, en condado del pasto, Nuevo México. La facilidad está situa-
da aproximadamente 11.8 millas de sudoeste de Hobbs, del nanómetro y de 2.5 millas al oeste de la carretera
de estado ocho. La dirección del correo para la estación del compresor del Monument es El Paso Natural Gas,
2316 West Bender Blvd., Hobbs, NM 88240.

La estación del compresor del Monument es parte de una red que transporte una cantidad de gas natural que
varíe según demanda de cliente. La compresión es necesaria mover el gas natural a través de la tubería. No se
sabe ni se anticipa ningunas descargas intencionales o inadvertidas que podrían afectar a la superficie o al agua
subterránea en la facilidad. Las descargas potenciales en la estación se limitan a aproximadamente 27.000
galones de aceite nuevo y usado de los tanques de almacenaje sobre el suelo y subterráneos. Los tanques se
equipan de la contención secundaria y de indicadores llanos líquidos para prevenir derramamientos. Los líqui-
dos de proceso tales como agua y aceite usado asociados a operaciones diarias son contenidos por un sistema
del drene de la facilidad, transferidos a los tanques de almacenaje, después reciclados o dispuestos por las
instalaciones aprobadas NMOCD.

La primera agua subterránea probablemente que se afectará por un escape, una descarga accidental, o un
derramamiento existe en una profundidad de 40 pies debajo de la superficie de tierra. Esta sistema del acuífero
tiene una concentración total de los sólidos en suspensión entre de 707 y 4230 miligramos por litro o mayor.

El plan de la descarga sometido a los esquemas de NMOCD cómo el agua producida, el aceite usado, y la
basura serán manejados correctamente, incluyendo la dirección, almacenaje, y disposición final. El plan también
incluye los procedimientos para la gerencia apropiada de escapes, de descargas accidentales, y de derra-
mamientos para proteger las aguas del estado de Nuevo México.

Para la información adicional, ser colocado en una lista de personas a quienes se mandan propaganda facil-
idad-específica para los avisos futuros, o someter los comentarios satisfacen entran en contacto con:

Leonard Lowe
Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe NM 87505
Teléfono: (505) 476-3492

La energía de Nuevo México, los minerales y el departamento de los recursos naturales aceptarán comentar-
ios y declaraciones del interés con respecto a este uso y proporcionarán los avisos futuros para la facilidad del
compresor del Monument a petición.

49102027

00032241

KLEINFELDER
8300 JEFFERSON NE SUITE B
ALBUQUERQUE, NM N 87113

Affidavit of Publication

State of New Mexico,
County of Lea.

I, KATHI BEARDEN
PUBLISHER

of the Hobbs News-Sun, a
newspaper published at Hobbs, New
Mexico, do solemnly swear that the
clipping attached hereto was
published in the regular and entire
issue of said newspaper, and not a
supplement thereof for a period

of 1 issue(s).

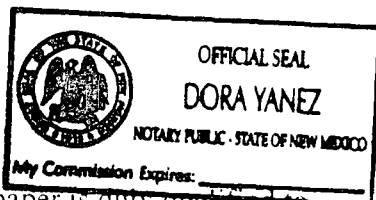
Beginning with the issue dated
June 10, 2009
and ending with the issue dated
June 10, 2009

Kathi Bearden
PUBLISHER

Sworn and subscribed to before me
this 16th day of
June, 2009

Dora Yanez
Notary Public

My commission expires
February 09, 2013
(Seal)



This newspaper is duly qualified to
publish legal notices or
advertisements within the meaning of
Section 3, Chapter 167, Laws of
1937 and payment of fees for said
publication has been made.

LEGAL

NOTICE OF PUBLICATION June 10, 2009

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3.06 NMAR), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division (NMOCOD), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone: (505) 476-3440:

Ms. Diane Kocis, Senior Environmental Specialist, DCP Midstream, 370 17th Street, Suite 2500, Denver, Colorado, 80202 has submitted a renewal application for the previously approved discharge plan for their (GW-015) Linam Ranch Gas Plant, located in the NE/4 of Section 5, Township 19 South, Range 37 East, NMPM, Lea County. The facility processes natural gas to remove condensate and sulfur. Approximately 550 bbls of waste water, 2000 bbls of produced water and 1750 gallons of sulfuric acid are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 36 - 62 feet, with a total dissolved solids concentration of approximately 446 mg/L (GW-016) Eunice Gas Plant, located in the SE/4 SE/4 of Section 5, Township 21 South, Range 36 East, NMPM, Lea County. The facility processes natural gas to remove condensate and sulfur. Approximately 2500 bbls of slop oil, 2500 bbls of produced water, and 80 bbls of lube oil are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 72 - 88 feet, with a total dissolved solids concentration of approximately 480 mg/L.

(GW-396) Mr. Randy Crawford, 7 Crawford Lane, Jal N.M., has submitted a new application for a discharge plan permit for their Oil and Gas Service Company at 7 Crawford Lane, Jal N.M., located in the Section 31, Township 24 South, Range 37 East, NMPM, Lea County. The facility is an oilfield trucking company that provides the hauling of produced water for the oil and natural gas industry. Approximately 25 - 35 gallons/day of KCL are mixed, 500 gallons of paraffin, 110 of motor oil and 1200 bbls of oil field waste are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 72 - 80 feet, with a total dissolved solids concentration of approximately 1640 mg/L.

(GW-008) El Paso Natural Gas company, 3300 North A Street, Building 2, Suite 200 Midland, Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Monument Compressor Station, located in the NW/4 of Section 1, Township 20 South, Range 36 East, NMPM, Lea County. The facility transports natural gas for customer demand. Approximately 27,000 gallons of used and new oil are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 40 feet, with a total dissolved solids concentration of approximately 707 - 4230 mg/L.

All fluids are not to be intentionally discharged to the ground. If accidental discharge occurs immediate recovery/reclamation shall be implemented. Fluids, other than clean water, including dry chemicals, shall be stored within secondary containment and properly bermed. Waste shall be properly maintained and manifested. A copy of the discharge permit once renewed shall be on location at all times and made familiar to all facility personnel.

The NMOCOD has determined that the application is administratively complete and has prepared a draft permit. The NMOCOD will accept comments and statements of interest regarding this application and will create a facility specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday or may also be viewed at the NMOCOD web site <http://www.emnrd.state.nm.us/ocd/>. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCOD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCOD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

01 If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener mas informacion sobre esta solicitud en espanol, sirvase comunicarse por favor, New Mexico Energy, Minerals and Natural Resources Department (Depto. Del. Energia, Minerales y Recursos Naturales de Nuevo Mexico), Oil Conservation Division (Depto. Conservacion Del Petroleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461).

GIVEN Under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico on this 5th day of June, 2009.

Advertising Receipt

Hobbs Daily News-Sun

201 N Thorp
P. O. Box 936
Hobbs, NM 88241

Phone: 575-393-2123

Fax: 575-397-0610

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NM OIL CONSERVATION DIVISION,
LEONARD LOWE
1220 S. SAINT FRANCIS DR.
SANTA FE, NM 87505

Cust #: 01101546

Ad #: 00032812

Phone: (505)476-3492

Date: 06/09/2009

Ad taker: SV

Salesperson: 08

Sort Line: #25016

Classification: 673

Description	Start	Stop	Ins.	Cost/Day	Total
07 07 Daily News-Sun	06/10/2009	06/10/2009	1	177.51	177.51
AFFI Affidavit for legals					3.00
BOLD bold					1.00

Ad Text:

NOTICE OF PUBLICATION
June 10, 2009

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

Payment Reference:

Total: 181.51

Tax: 12.14

Net: 193.65

Prepaid: 0.00

Total Due: 193.65

THE SANTA FE
NEW MEXICAN
Founded 1849

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2009 JUN 12 AM

NM EMNRD OIL CONSERV
1220 S ST FRANCIS DR
SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689
AD NUMBER: 00288840 ACCOUNT: 00002212
LEGAL NO: 87442 P.O. #: 52100000001375
378 LINES 1 TIME(S) 410.90
AFFIDAVIT: 7.00
TAX: 33.17
TOTAL: 451.07

AFFIDAVIT OF PUBLICATION

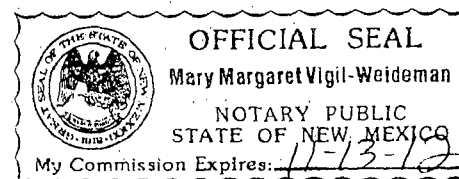
STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, V. Wright, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 87442 a copy of which is hereto attached was published in said newspaper 1 day(s) between 06/11/2009 and 06/11/2009 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 11st day of June, 2009 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/s/ V. Wright
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 11st day of June, 2009

Notary Mary Margaret Vigil-Weideman
Commission Expires: 11-13-2012



NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS
AND NATURAL
RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations (20.6.2.3106 NMAC), the following discharge permit application(s) has been submitted to the Director of the New Mexico Oil Conservation Division ("NMOCD"), 1220 S. Saint Francis Drive, Santa Fe, New Mexico 87505. Telephone (505) 476-3440:

Ms. Diane Kocis, Senior Environmental Specialist, DCP Midstream, 370 17th Street, Suite 2500, Denver, Colorado, 80202 has submitted a renewal application for the previously approved discharge plan for their:

(GW-015) Linam Ranch Gas Plant, located in the NE/4 of Section 5, Township 19 South, Range 37 East, NMPM, Lea County. The facility processes natural gas to remove condensate and sulfur. Approximately 550 bbls of waste water, 2000 bbls of produced water, and 1750 gallons of sulfuric acid are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 36 - 62 feet, with a total dissolved solids concentration of approximately 446 mg/L.

(GW-016) Eunice Gas Plant, located in the SE/4 SE/4 of Section 5, Township 21 South, Range 36 East, NMPM, Lea County. The facility processes natural gas to remove condensate and sulfur. Approximately 2500 bbls of slop oil, 2500 bbls of produced water, and 80 bbls of lube oil are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 72 - 88 feet, with a total dissolved solids concentration of approximately 480 mg/L.

feet, with a total dissolved solids concentration of approximately 707 - 4230 mg/L.

(GW-348) Mr. Anthony Wiggins, President, Chaco Chemical Company LLC, P.O. Box 3526 Farmington NM 87413, has submitted a new discharge plan application for their Oil and Gas Service Company at CR 5759 # 20, Farmington NM, located in unit letter M of Section 20, Township 29 North, Range 12 West, NMPM, San Juan County. The facility stores chemical for down-hole assistant for the oil and natural gas industry. Approximately 1000 gallons of Catalyzed Hydrazine, 1000 gallons of corrosion inhibitor, 1000 gallons of Paraffin solvents and 15 gallons of a combined waste stream of used oil and antifreeze are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 15 feet, with a total dissolved solids concentration of approximately 1040 mg/L. Chaco Chemical Company is currently under an Administrative Compliance Order (NM-OCD 2009-01) to bring them into compliance under the Water Quality Control Commission (WQCC) for the protection of groundwater.

All fluids are not to be intentionally discharged to the ground. If accidental discharge occurs immediate recovery/reclamation shall be implemented. Fluids, other than clean water, including dry chemicals, shall be stored within secondary containment and properly bermed. Waste shall be properly maintained and manifested. A copy of the discharge permit once renewed shall be on location at all times and made familiar to all facility personnel.

The NMOCD has determined that the application is administratively complete and has prepared a draft permit. The NMOCD will accept comments and statements of interest regarding this application and will create a

Mr. Randy Crawford, 7 Crawford Lane, Jal N.M., has submitted a new application for a discharge plan permit for their Oil and Gas Service Company at:

(GW-395) 2809 Pecos Road, Carlsbad, N.M., located in the Section 27, Township 22 South, Range 27 East, NMPM, Eddy County. The facility is an oilfield trucking company that provides the hauling of produced water for the oil and natural gas industry. Approximately 25 - 35 gallons/day of KCL are mixed, 500 gallons of paraffin, 110 of motor oil and 1200 bbls of oil field waste are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 90 - 110 feet, with a total dissolved solids concentration of approximately 420 mg/L.

(GW-396) 7 Crawford Lane, Jal N.M., located in the Section 31, Township 24 South, Range 37 East, NMPM, Lea County. The facility is an oilfield trucking company that provides the hauling of produced water for the oil and natural gas industry. Approximately 25 - 35 gallons/day of KCL are mixed, 500 gallons of paraffin, 110 of motor oil and 1200 bbls of oil field waste are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 72 - 80 feet, with a total dissolved solids concentration of approximately 1640 mg/L.

(GW-008) El Paso Natural Gas company, 3300 North A Street, Building 2, Suite 200, Midland Texas 79705, has submitted a renewal application for the previously approved discharge plan for their Monument Compressor Station, located in the NW/4 of Section 1, Township 20 South, Range 36 East, NMPM, Lea County. The facility transports natural gas for customer demand. Approximately 27,000 gallons of used and new oil are generated and stored in onsite. Groundwater most likely to be affected by a spill, leak or accidental discharge is at a depth of approximately 40

facility-specific mailing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or requesting to be on a facility-specific mailing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday, or may also be viewed at the NMOCD web site <http://www.emnrd.state.nm.us/ocd/>. Persons interested in obtaining a copy of the application and draft permit may contact the NMOCD at the address given above. Prior to ruling on any proposed discharge permit or major modification, the Director shall allow a period of at least thirty (30) days after the date of publication of this notice, during which interested persons may submit comments or request that NMOCD hold a public hearing. Requests for a public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines that there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is held, the director will approve or disapprove the proposed permit based on information in the permit application and information submitted at the hearing.

Para obtener más información sobre esta solicitud en español, sírvase comunicarse por favor: New Mexico Energy, Minerals and Natural Resources Department (Depto. Del Energía, Minerales y Recursos Naturales de Nuevo México), Oil Conservation Division (Depto. Conservación Del Petróleo), 1220 South St. Francis Drive, Santa Fe, New Mexico (Contacto: Dorothy Phillips, 505-476-3461)

GIVEN under the Seal of New Mexico Oil Conservation Commission, at Santa Fe, New Mexico, on this 5th day of April 2009.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

S E A L
Mark Fesmire,
Director
Legal # 87442
Pub: June 11, 2009

Public Notice

Application for a Discharge Permit Renewal for the Monument Compressor Station (GW-8), Lea County, NM

El Paso Natural Gas (EPNG) hereby gives notice that the following discharge permit application has been submitted in accordance with Subsections A, C, E, and F of 20.6.2.3108 NM Administrative Code.

El Paso Natural Gas Company (EPNG), 2316 W. Bender Blvd., Hobbs, NM 88240 has submitted a renewal application for the Monument compressor station which is located in the NW-1/4 of Section 1, Township 20 south, Range 36 east, in Lea County, NM. The facility is located approximately 11.8 miles southwest of Hobbs, NM and 2.5 miles west of State Highway 8. The mailing address for the Monument compressor station is El Paso Natural Gas, 2316 West Bender Blvd., Hobbs, NM 88240.

The Monument compressor station is part of a network that transports an amount of natural gas that varies according to customer demand. Compression is needed to move natural gas through the pipeline. No intentional or inadvertent discharges that could affect surface or groundwater are known or anticipated at the facility. Potential discharges at the station are limited to approximately 27,000 gallons of new and used oil from aboveground and belowground storage tanks. These tanks are equipped with secondary containment and liquid level indicators to prevent spills. Process fluids such as water and used oil associated with daily operations are contained by a facility drain system, transferred to storage tanks, then recycled or disposed by NMOCD approved facilities.

The first groundwater likely to be affected by a leak, accidental discharge, or spill exists at a depth of 40 feet below the ground surface. This aquifer system has a total dissolved solids concentration of between 707 and 4,230 milligrams per liter or greater.

The discharge plan submitted to the NMOCD outlines how produced water, used oil, and waste will be properly managed, including handling, storage, and final disposition. The plan also includes procedures for the proper management of leaks, accidental discharges, and spills to protect the waters of the State of NM.

For additional information, to be placed on a facility-specific mailing list for future notices, or to submit comments, please contact:

Leonard Lowe
Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Phone: (505) 476-3492

The NM Energy, Minerals and Natural Resources Department will accept comments and statements of interest regarding this application and will provide future notices for the Monument compressor facility upon request.

Approved 5.26.09

Aviso público

Uso para una renovación del permiso de la descarga para la estación del compresor del monumento (GW-8),
condado del pasto, Nuevo México

El Paso Natural Gas (EPNG) da por este medio el aviso que el uso siguiente del permiso de la descarga se ha sometido de acuerdo con la subdivisión A, C, E, y F del código administrativo de 20.6.2.31 08 Nuevo México.

El Paso Natural Gas Company (EPNG), 2316 W. Bender Blvd., Hobbs, NM 88240 ha presentado una solicitud de la renovación para la estación del compresor del monumento que está situada en el NW/4 de la sección 1, el municipio 20 del sur, se extiende 36 del este, en condado del pasto, Nuevo México. La facilidad está situada aproximadamente 11.8 millas de sudoeste de Hobbs, del nanómetro y de 2.5 millas al oeste de la carretera de estado ocho. La dirección del correo para la estación del compresor del Monument es El Paso Natural Gas, 2316 West Bender Blvd., Hobbs, NM 88240.

La estación del compresor del Monument es parte de una red que transporte una cantidad de gas natural que varíe según demanda de cliente. La compresión es necesaria mover el gas natural a través de la tubería. No se sabe ni se anticipa ningunas descargas intencionales o inadvertidas que podrían afectar a la superficie o al agua subterránea en la facilidad. Las descargas potenciales en la estación se limitan a aproximadamente 27,000 galones de aceite nuevo y usado de los tanques de almacenaje sobre el suelo y subterráneos. Los tanques se equipan de la contención secundaria y de indicadores llanos líquidos para prevenir derramamientos. Los líquidos de proceso tales como agua y aceite usado asociados a operaciones diarias son contenidos por un sistema del drene de la facilidad, transferidos a los tanques de almacenaje, después reciclados o dispuestos por las instalaciones aprobadas NMOCD.

La primera agua subterránea probablemente que se afectará por un escape, una descarga accidental, o un derramamiento existe en una profundidad de 40 pies debajo de la superficie de tierra. Esta sistema del acuífero tiene una concentración total de los sólidos en suspensión entre de 707 y 4230 miligramos por litro o mayor.

El plan de la descarga sometido a los esquemas de NMOCD cómo el agua producida, el aceite usado, y la basura serán manejados correctamente, incluyendo la dirección, almacenaje, y disposición final. El plan también incluye los procedimientos para la gerencia apropiada de escapes, de descargas accidentales, y de derramamientos para proteger las aguas del estado de Nuevo México.

Para la información adicional, ser colocado en una lista de personas a quienes se mandan propaganda facilidad-específica para los avisos futuros, o someter los comentarios satisfacen entran en contacto con:

Leonard Lowe
Environmental Engineer
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe NM 87505
Teléfono: (505) 476-3492

La energía de Nuevo México, los minerales y el departamento de los recursos naturales aceptarán comentarios y declaraciones del interés con respecto a este uso y proporcionarán los avisos futuros para la facilidad del compresor del Monument a petición.

Lowe, Leonard, EMNRD

From: Lowe, Leonard, EMNRD
Sent: Friday, May 15, 2009 10:34 AM
To: 'Thompson, Glen D'
Subject: RE: GW-008

Thanks! I will reflect this in our database.

Leonard Lowe

Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Friday, May 15, 2009 10:31 AM
To: Lowe, Leonard, EMNRD
Subject: RE: GW-008

I checked with Operations and they indicated that prior to 1978 there was a gas-treating facility there.

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Friday, May 15, 2009 11:20 AM
To: Thompson, Glen D
Subject: RE: GW-008

Was it ever a gas plant?

Our records note it as a Gas Plant.

llowe

Leonard Lowe

Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

From: Thompson, Glen D [mailto:Glen.Thompson@ElPaso.com]
Sent: Friday, May 15, 2009 10:19 AM
To: Lowe, Leonard, EMNRD
Subject: RE: GW-008

It is a Compressor Station.

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Friday, May 15, 2009 10:54 AM
To: Thompson, Glen D
Cc: Marco Wikstrom
Subject: GW-008

Mr. Thompson,

Is GW-008 a Gas Plant or compressor station?

llowe

Leonard Lowe
Environmental Engineer
Oil Conservation Division/EMNRD
1220 S. St. Francis Drive
Santa Fe, N.M. 87505
Office: 505-476-3492
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>

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This email and any files transmitted with it from the El Paso

Corporation are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the sender.

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