GW – 008

GENERAL CORRESPONDENCE

YEAR(S): 2009 - 2013

CW-008

Lowe, Leonard, EMNRD

ents:	Bernie Bockisch [BBockisch@kleinfelder.com] Thursday, November 10, 2011 10:47 AM Lowe, Leonard, EMNRD Thompson, Glen D Monument Station Data 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	From: Sent: To: Cc: Subject: Attachments:
2	Monument Station Data	Subject:
~	Thompson, Glen D	Cc:
	Lowe, Leonard, EMNRD	To:
	Thursday, November 10, 2011 10:47 AM	Sent:
	Bernie Bockisch [BBockisch@kleinfelder.com]	From:

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

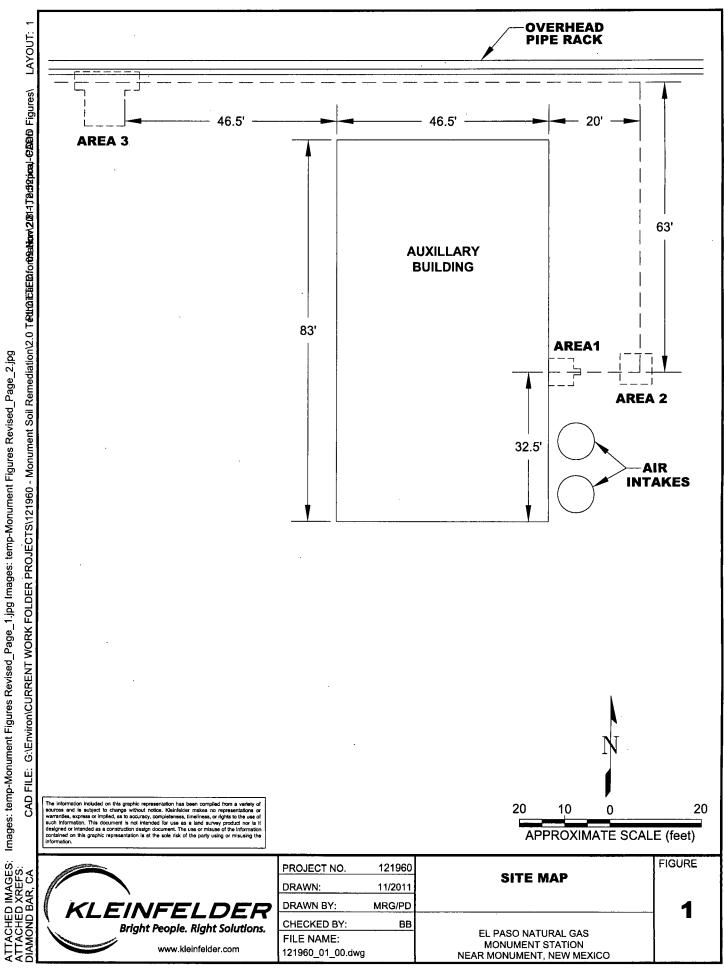
9019 Washington NE, Building A Albuquerque, NM 87113 Kleinfelder, Inc.

o| 505.344.7373 x213 f | 505.344.1711 505.401.1955 υ

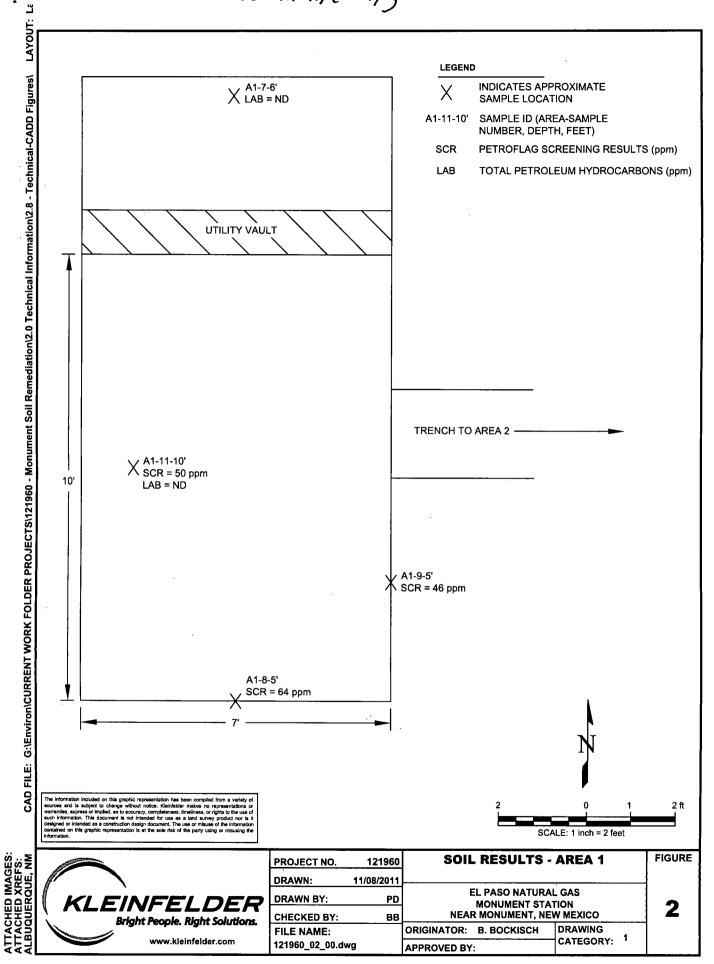
and Clan Thompson 1 Wold 11/14/11 Telecart. W/ Benard Bockisch

Owner/Operator pertaining to this 000 Roquested on E-mail from T=9:00 A.M.(MST) effort,

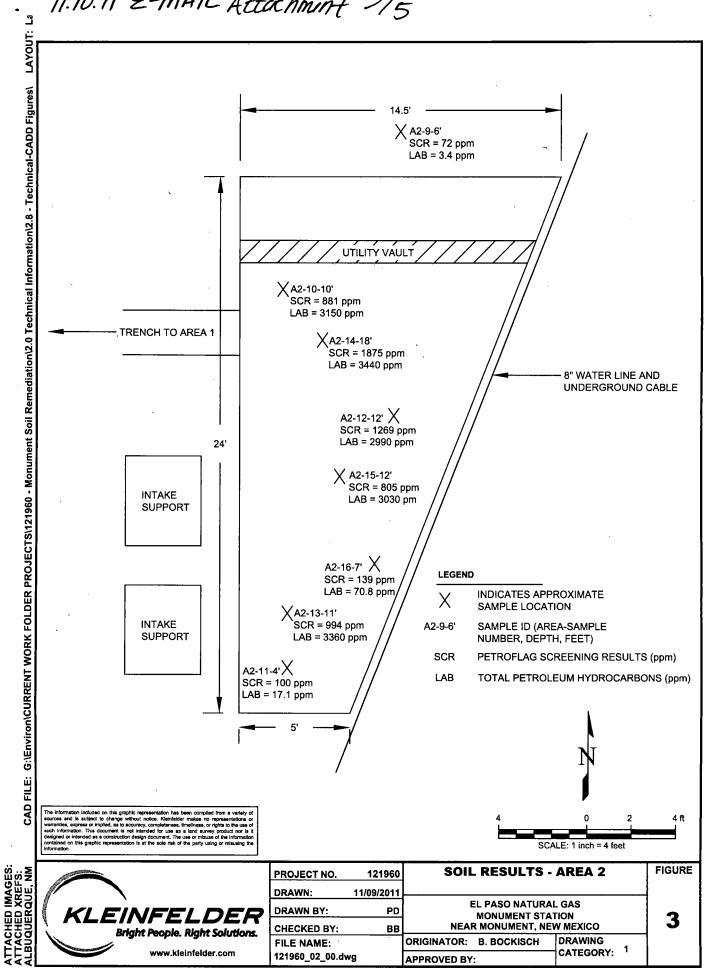
11.10.11 E-mail Attachment 1/5



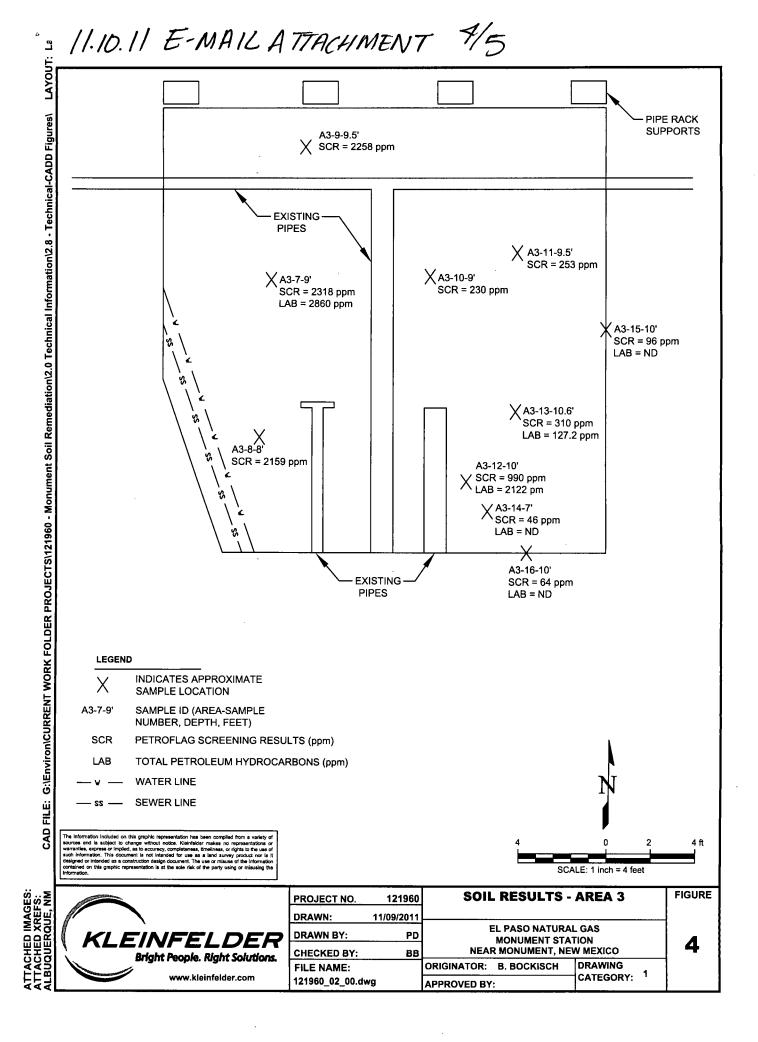
11.10.11 E-mail Attachment 2/5











11.10.11 E-MAIL ATTACHMENT 5/5 Table 1 50:) Analytical Data X.25

Table 1 Soil Analytical Data EPNG - MONUMENT STATION Monument, New Mexico 7

Samle	Sample	Denth		TPH Cor	TPH Concentration (mg/kg)		Field
Location	Identifier	(feet bgs)	Sample Date	Diesel Range	Motor Oil Range	Total	Screening (PPM)
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	0.6	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	066
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
OMN	NMOCD Regulatory Soil	Soil Level (mg/kg)	ng/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

From: Sent: To: Subject: Lowe, Leonard, EMNRD Wednesday, April 13, 2011 2:18 PM 'Thompson, Glen D' 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: <u>leonard.lowe@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>

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. <u>An unauthorized discharge is</u> <u>a violation of this permit.</u>"

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, EMNRDSent:Tuesday, April 05, 2011 8:21 AMTo:'Christina Maldonado'; Glen D Thompson (Glen.Thompson@ElPaso.com)Cc:Bernie Bockisch; Craig CoreySubject:RE: Kleinfelder Soil Remediation Report - Monument Station (GW-008)

Ms. Maldonado:

ç....

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: <u>http://www.emnrd.state.nm.us/ocd/index.htm</u> "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: <u>http://www.emnrd.state.nm.us/ocd/environmental.htm#environmental</u>)

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
То:	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		TRANSMITTAL DATE:	PAGE 1 OF 68 4/4/11				
	Odessa, Texas 79760 <u>Glen.Thompson@ElPaso.com</u> Mr. Carl Chavez NMEMNRD - NM Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505 carlj.chavez@state.nm.us		TRANSMITTAL DCN:	110162	110162.1 - ODM11TS001			
RETURN RESPONSES/COMMENTS TO: Bernie		Bernie Bo	e Bockisch					
RETU	IRN RESPONSES/COMMENTS BY:	48 hours	from date of transmission					

PROJECT NO.:	110162		PROJECT NAME:	MonumentStation_ElPasoGas_ENV	
ACTIVITY/DESC	RIPTION:	Mon	ument Station - Soil Re	mediation Report	

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

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Complete this section upon			
receipt from client			



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.

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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.

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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.

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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.**

James F. Kennedy Staff Professional II

Reviewed by:

Xham 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

110162.1-ODM10RP001 Copyright 2011 Kleinfelder Figure 1

www.source3.com

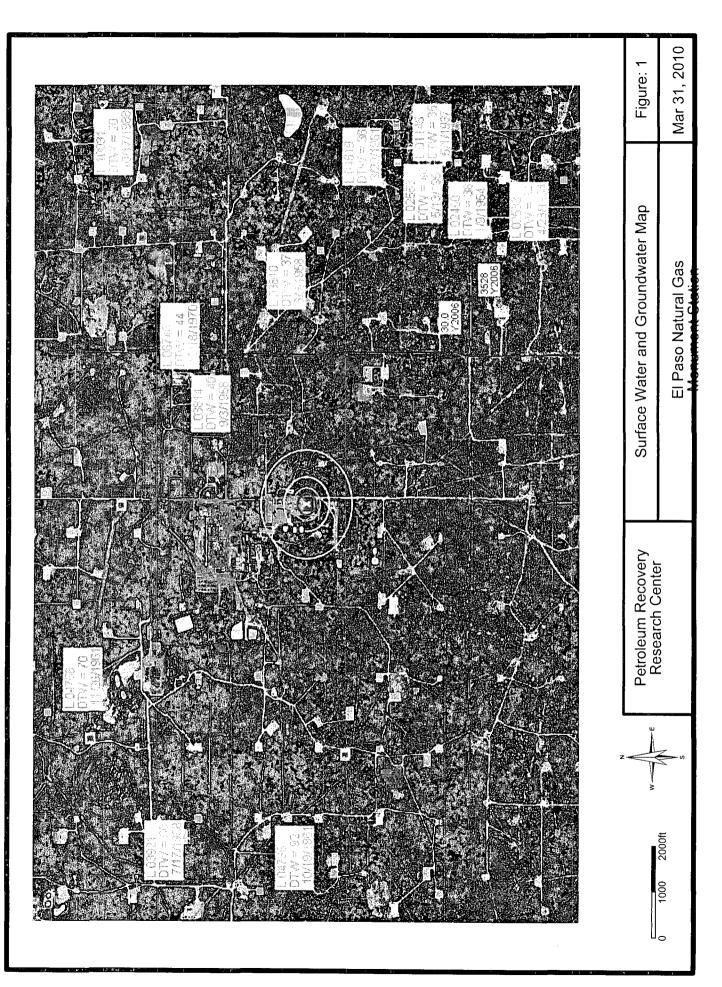


Figure 2

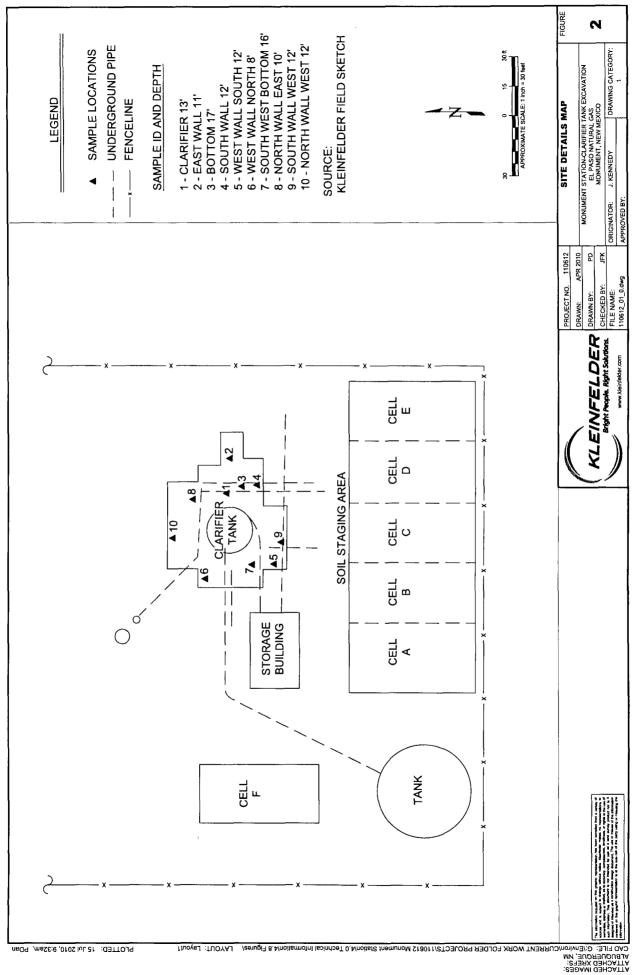


Table 1

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TABLE I

SUMMARY OF SOIL ANALYTICAL DATA – BTEX/TPH/Chlorides

EL PASO NATURAL GAS MONUMENT STATION LEA COUNTY, NEW MEXICO

	1				ETHYL-		TOTAL		TPH (8015 Modified)			1
	DATE	DEPTH	BENZENE	TOLUENE	BENZENE	XYLENES	BTEX	TPH DRO (mg/Kg)	TPH GRO (mg/Kg)	TPH ORO (mg/Kg)	TPH (GRO/DRO) (mg/Kg)	CHLORIDE
	New	Mexico (Dil Conserv	ation Divisio				ction l evel	s (Tota) Bar	king Score	>19)	
			10	· · · · · ·		· · · ·	50.0		-		100 mg/Kg	250 mg/Kg
2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 - 2001 -		-	1		Initial Sit	e Assessme	nt 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
- C. (201					Excavatio	n Confirmati	on Samples	3				
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
								····				
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.

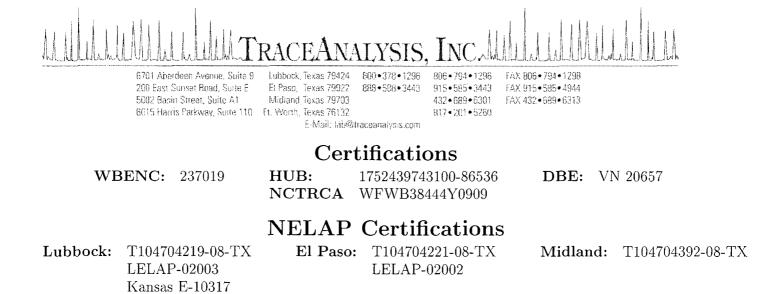
BDL- Below Detection Limits.

Bold concentrations above lab reporting limits.

Highlighted Concentrations above NMOCD RRALS.

Attachment A -

Laboratory Analytical Data



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, NMProject Name:Monument StationProject Number:Monument Station

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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.

Michael April

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.

		Prep	Prep	QC	Analysis
Test	Method	Batch	Date	Batch	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.

Analytical Report

Sample: 225222 - Scrubber Dump 5'

Laboratory: Analysis: QC Batch: Prep Batch:	Midland BTEX 68230 58381			Analytical Date Analy Sample Pre	zed:	S 8021B 2010-03-12 2010-03-12		Prep Me Analyzea Preparea	d By: AG	
				RI	4					
Parameter	F	Flag		Result	t	Units		Dilution	RL	,
Benzene				< 0.0100)	mg/Kg		1	0.0100	•
Toluene				0.0664	Ł	mg/Kg		1	0.0100	1
Ethylbenzene	1			< 0.0100)	mg/Kg		1	0.0100	
Xylene				0.198	3	mg/Kg		1	0.0100	
							Spike	$\dot{\mathrm{P}}\mathrm{ercent}$	Recovery	
Surrogate			Flag	Result	Units	Dilution	Amount	Recovery	Limits	
Trifluorotolue	ene (TFT)			1.76	mg/Kg	1	2.00	88	60.4 - 141.2	
4-Bromofluor	obenzene (4-BF	B)		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		Date	tical Method: Analyzed: e Preparation:	S 8082 2010-03-1 2010-03-1		Prep Metho Analyzed E Prepared B	By: DS
			RL				
Parameter	Fla	ıg	Result		Units	Dilution	RL
Total PCB			0.0252	m	ig/Kg	2	0.00167
Aroclor 1016 (PCB-1016)			< 0.00334	m	g/Kg	2	0.00167
Aroclor 1221 (PCB-1221)			< 0.00334	m	g/Kg	2	0.00167
Aroclor 1232 (PCB-1232)			< 0.00334	m	lg/Kg	2	0.00167
Aroclor 1242 (PCB-1242)			< 0.00334	m	$\rm g/Kg$	2	0.00167
Aroclor 1248 (PCB-1248)			< 0.00334	m	lg/Kg	2	0.00167
Aroclor 1254 (PCB-1254)			0.0252	m	lg/Kg	2	0.00167
Aroclor 1260 (PCB-1260)			< 0.00334	m	g/Kg	2	0.00167
Aroclor 1268 (PCB-1268)			< 0.00334	m	g/Kg	2	0.00167
					Spike	Percent	Recovery
Surrogate	Flag I	Result	Units	Dilution	Amount	Recovery	Limits
Deca chlorobiphenyl	0.	0897	mg/Kg	2	0.0167	54	35.9 - 142

1	Report Date: March 17, 2010 Monument Station			k Order: 10031 onument Statio	Page Number: 5 of 16 Monument, NM		
Sample: 22	5222 - Scrubb	er Dump 5'					
Laboratory: Midland Analysis: TPH DRO - NEW QC Batch: 68282 Prep Batch: 58429		Date An	alyzed: 2	Mod. 8015B 2010-03-15 2010-03-15	Prep M Analyz Prepare	ed By: kg	
			RL				
Parameter	F	lag	Result	U	Inits	Dilution	RL
DRO	······································		<50.0	mg	/Kg	1	50.0
					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	Limits
n-Tricosane		97.2	mg/Kg	1	100	97	70 - 130

Sample: 225222 - Scrubber Dump 5'

Laboratory: Analysis: QC Batch: Prep Batch:	Midland TPH GRO 68231 58381		Date Ana	l Method: lyzed: reparation:	S 8015B 2010-03-12 2010-03-12		Prep Me Analyze Prepared	d By: AG
	171		RL		TT 1			DI
Parameter	Flag		Result		Units		Dilution	RL
GRO			30.4	· · · · · · · · · · · · · · · · · · ·	mg/Kg		1	1.00
				TT		Spike	Percent	Recovery
Surrogate		Flag	Result	Units	Dilution	Amount	$\operatorname{Recovery}$	Limits
Trifluorotolu	ene (TFT)		2.55	mg/Kg	1	2.00	128	65.3 - 145
4-Bromofluor	robenzene (4-BFB)	1	2.72	mg/Kg	1	2.00	136	61.7 - 131.1

Sample: 225223 - Clarifier 13'

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

Report Date: March 17, 2010 Monument Station		V	Vork Order: Monument	Page Number: 6 of 16 Monument, NM			
Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT) 4-Bromofluorobenzene (4-BFB)	2	$\begin{array}{c} 1.55 \\ 4.82 \end{array}$	mg/Kg mg/Kg	1 1	$\begin{array}{c} 2.00 \\ 2.00 \end{array}$	78 241	60.4 - 141.2 43.1 - 158.4

Sample: 225223 - Clarifier 13'

Laboratory: Lubbock Analysis: PCB QC Batch: 68275 Prep Batch: 58420		Analytical Method: Date Analyzed: Sample Preparation:	S 8082 2010-03-15 2010-03-15	Prep Met Analyzed Prepared	By: DS
		RL			
Parameter	Flag	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	m mg/Kg	5	0.00167
Aroclor 1232 (PCB-1232)		< 0.00835	m mg/Kg	5	0.00167
Aroclor 1242 (PCB-1242)		< 0.00835	m mg/Kg	5	0.00167
Aroclor 1248 (PCB-1248)		< 0.00835	m mg/Kg	5	0.00167
Aroclor 1254 (PCB-1254)		0.187	m mg/Kg	5	0.00167
Aroclor 1260 (PCB-1260)		< 0.00835	m mg/Kg	5	0.00167
Aroclor 1268 (PCB-1268)		< 0.00835	mg/Kg	5	0.00167
			SI	oike Percent	Recovery
Surrogate Fla	g Res	ult Units	Dilution Am	nount Recovery	Limits
Deca chlorobiphenyl	0.008	832 mg/Kg	5 0.0	0167 50	35.9 - 142

Sample: 225223 - Clarifier 13'

Laboratory: Midland Analysis: TPH DRO - N QC Batch: 68314 Prep Batch: 58454		NEW	Date Analyzed:		Mod. 8015B 2010-03-16 2010-03-16	Prep M Analyz Prepar	• 0
Parameter DRO	F	lag	RL Result <50.0	r	Units ng/Kg	Dilution 1	RL 50.0
Surrogate n-Tricosane	Flag	Result 96.9	Units mg/Kg	Dilution 1	Spike Amount 100	Percent Recovery 97	Recovery Limits 70 - 130

²High surrogate recovery due to peak interference.

Sample: 225223 - Clarifier 13' 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: S381 RL Dilution RL GRO 6558 mg/Kg 1 1.000 Surrogate Flag Result Units Dilution RL GRO 8578 mg/Kg 1 2.00 110 65.3 - 145 4-Bromofhorobenzene (4-BFB) 3 5.14 mg/Kg 1 2.00 110 65.3 - 145 4-Bromofhorobenzene (4-BFB) 3 5.14 mg/Kg 1 2.00 16.7 - 131.1 Method Blank (1) QC Batch: 68230 QC Batch: 68230 Date Analyzed: 2010-03-12 Analyzed By: AG Prep Batch: 58381 Date Analyzed: 2010-03-12 Prepared By: AG Preparet VQC Preparation: 2010-03-12 Analyzed By: AG	Report Date: March 17, 20 Monument Station		W	Vork Order: Monument				umber: 7 of 16 Aonument, NM
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Sample: 225223 - Clarifi	ier 13'						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Analysis: TPH GRO QC Batch: 68231		Date Ana	lyzed:	2010-03-12		Analyzee	d By: AG
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Parameter	Tlan			Units		Dilution	BL
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $								
4-Bromofluorobenzene (4-BFB) 3 5.14 mg/Kg 1 2.00 257 $61.7 - 131.1$ Method Blank (1)QC Batch: 68230 Date Analyzed: $2010-03-12$ Analyzed By: AGPrep Batch: 58381 Date Analyzed: $2010-03-12$ Prepared By: AGParameterFlagResultUnitsRLBenzene < 0.00310 mg/Kg 0.01 Ethylbenzene < 0.00310 mg/Kg 0.01 SurrogateFlagResultUnitsRecoverySurrogateFlagResultUnitsDilutionAmountMethod Blank (1)QC Batch: 68231 QC Preparation: $2010-03-12$ Analyzed By: AGMethod Blank (1)QC Batch: 68231 Date Analyzed: $2010-03-12$ AnaountRecoveryMethod Blank (1)QC Batch: 68231 Date Analyzed: $2010-03-12$ Prepared By: AGPrep Batch: 58381 Date Analyzed: $2010-03-12$ Analyzed By: AGPrep Batch: 58381 Date Analyzed: $2010-03-12$ Prepared By: AGParameterFlagResultUnitsMethod Blank <t< td=""><td>Surrogate</td><td>Flag</td><td></td><td></td><td>Dilution</td><td>Amount</td><td>Recovery</td><td>Limits</td></t<>	Surrogate	Flag			Dilution	Amount	Recovery	Limits
Method Blank (1)QC Batch: 68230QC Batch:68230Prep Batch:58381Date Analyzed:2010-03-12Prep Batch:58381QC Preparation:2010-03-12Prepared By:AGParameterFlagResultUnitsRenzene<0.00410		FB) ³						
Xylene<0.00650	Parameter Benzene Toluene	Flag	чо ттер 	MI Resu <0.004 <0.003	DL ilt 10 10	mg/ mg/	its /Kg /Kg	RL 0.01 0.01
SurrogateFlagResultUnitsDilutionAmountRecoveryLimitsTrifluorotoluene (TFT)1.87mg/Kg12.009464.9 - 142.74-Bromofluorobenzene (4-BFB)2.03mg/Kg12.0010243.9 - 141.9Method Blank (1)QC Batch:68231Date Analyzed:2010-03-12Analyzed By:AGPrep Batch:58381QC Preparation:2010-03-12Prepared By:AGMDLParameterFlagResultUnitsRL								
QC Batch:68231Date Analyzed:2010-03-12Analyzed By:AGPrep Batch:58381QC Preparation:2010-03-12Prepared By:AGMDLMDLREsultUnitsRL	Trifluorotoluene (TFT)		1.87	mg/Kg	1	Spike Amount 2.00	Percent Recovery 94	Limits 64.9 - 142.7
Prep Batch: 58381 QC Preparation: 2010-03-12 Prepared By: AG MDL Parameter Flag Result Units RL	Method Blank (1) Q	QC Batch: 68231						
Parameter Flag Result Units RL								
	Paramotor	Floor				T T 3	ita	זס
		riag						

³High surrogate recovery due to peak interference.

Report Date: March 17, Monument Station	2010		We		Page Number: 8 of 16 Monument, NM			
Surrogate		Flag	Result	Units	Dilution		Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	יחחי		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 Bate	h: 68275						
QC Batch: 68275 Prep Batch: 58420			Date Ana QC Prepa		10-03-15 10-03-15			zed By: DS red By: DS
					MDL			
Parameter		Fla	g]	Result	U	nits	RL
Total PCB			<u> </u>	<0.	00115	mg	/Kg	0.00167
Aroclor 1016 (PCB-1016))			<0.	00120		/Kg	0.00167
Aroclor 1221 (PCB-1221))			<0.	00128		/Kg	0.00167
Aroclor 1232 (PCB-1232)				<0.	00144		/Kg	0.00167
Aroclor 1242 (PCB-1242))			<0.	00150		/Kg	0.00167
Aroclor 1248 (PCB-1248))			<0.	00115		/Kg	0.00167
Aroclor 1254 (PCB-1254)				<0.	00132		/Kg	0.00167
Aroclor 1260 (PCB-1260)					00121		/Kg	0.00167
Aroclor 1268 (PCB-1268))			<0.	00140		/Kg	0.00167
						Spike	Percent	Recovery
Surrogate	Flag	Result	Uni	te D	ilution	Amount	Recovery	Limits
Deca chlorobiphenyl	Tiag	0.0134	mg/		1	0.0167	80	35.9 - 142
						0.0101		00.0 112
Method Blank (1)	QC Bate	ch: 68282						
QC Batch: 68282			Date Ana	lvzed: 20)10-03-15		Analy	zed By: kg
Prep Batch: 58429			QC Prepa)10-03-15			ared By: kg
_		_		MDL				
Parameter	F	lag		Result		Uni		RL
DRO				<5.86	· · · · · · · · · · · · · · · · · · ·	mg/	Kg	50
						Spike	Percent	Recovery
Surrogate Flag	Re	esult	Units	Dilut	ion	Amount	Recovery	Limits
n-Tricosane		80.3	mg/Kg	1		100	80	70 - 130

Method Blank (1)	QC Batch: 68314
	40

QC Batch:	68314	Date Analyzed:	2010-03-16	Analyzed By:	kg
Prep Batch:	58454	QC Preparation:	2010-03-16	Prepared By:	· · ·

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				MDL			
Parameter		Flag		Result	U	Inits	RL
DRO				<5.86	m	g/Kg	50
					Spike	Percent	Recovery
Surrogate	Flag	Result	Units	Dilution	Amount	Recovery	\mathbf{Limits}
n-Tricosane		71.9	mg/Kg	1	100	72	70 - 130

Laboratory Control Spike (LCS-1)

QC Batch:	68230	Date Analyzed:	2010-03-12	Analyzed By:	AG
Prep Batch:	58381	QC Preparation:	2010-03-12	Prepared By:	AG

	LCS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	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.

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	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.

	LCS	LCSD			Spike	LCS	LCSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	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	m mg/Kg	1	2.00	102	88	43.8 - 144.9

Laboratory Control Spike (LCS-1)

QC Batch: Prep Batch:	68231 58381		e Analyzed: Preparation:	2010-0 2010-0			•	vzed By: AG ured By: AG
		LCS			Spike	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	$\operatorname{Rec.}$	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.

Report Date: March 17, 2010 Monument Station		W		rder: 1003 ment Stati					Page Nu I		10 of 16 ent, NM
Param	$\begin{array}{c} \mathrm{LCSD} \\ \mathrm{Result} \end{array}$	Units	Dil.	Spike Amount		sult	Rec.	I	Rec. Limit	RPD	RPD Limit
GRO	15.7	mg/Kg	1	20.0		.396	78		5 - 114.3		20
Percent recovery is based on the	e spike result.	RPD is b	based c	on the spike	e and s	pike dı	uplicat	e resu	lt.		
	LCS	5 LCS	SD			Spil	ke	LCS	LCSD	1	Rec.
Surrogate	Resu			Units	Dil.	Amo	unt	Rec.	Rec.	L	imit
Trifluorotoluene (TFT)	2.30			mg/Kg	1	2.0		118	118		- 148.7
4-Bromofluorobenzene (4-BFB)	2.34	1 2.3	3	mg/Kg	1	2.0	0	117	116	64.1	- 127.4
Laboratory Control Spike (QC Batch: 68275 Prep Batch: 58420	LCS-1)	Date An QC Prei								yzed By ared By	
	\mathbf{LC}	S			$_{ m Spi}$	ike	М	atrix			Rec.
Param	Rest		Units	Dil.	Amo			esult	Rec.		Limit
Aroclor 1260 (PCB-1260)	0.04	33 m	g/Kg	1	0.00	540	<0.	00121	68	17	.3 - 150
Percent recovery is based on the	e spike result.	RPD is b	based o	on the spike	e and s	pike d	uplicat	e resu	ılt.		
	LCSD			Spike	М	atrix			Rec.		RPD
Param	Result	Units	Dil.	Amount		esult	Rec		Limit	RPD	Limit
Aroclor 1260 (PCB-1260)	0.0433	mg/Kg	1	0.0640		00121	68		7.3 - 150	0	20
Percent recovery is based on the	e spike result.	RPD is t	based c	on the spike	e and s	pike d	uplicat	e resu	ılt.		
		.CSD		-		-	-				ъ
Surrogate		lesult	Unit	s Dil.		Spike moun		LCS Rec.	LCSD Rec.		Rec. Limit
Deca chlorobiphenyl		.0120	mg/K	-		0.0167		72	72		.9 - 142
Laboratory Control Spike (QC Batch: 68282 Prep Batch: 58429	LCS-1)	Date Ar QC Pre	nalyzec	l: 2010-0						lyzed B pared B	
Param	LC Resu		Jnits	Dil.	-	ike ount		trix sult	Rec.		Rec. imit
DRO	229		g/Kg	1		50		5.86	92		- 133.4
Percent recovery is based on the	e spike result.			on the spike							
······································	-			-		-					
Danam	LCSD Bogult	TIn:+-	נים	Spike		trix	р.		Rec.	DDD	RPD
Param DRO	Result 223	Units	1	Amount		sult	Rec.		Limit	RPD	Limit
		mg/Kg	1	250	< 0	.86	89	51.4	4 - 133.4	3	20

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

Report Date: March 1 Monument Station	7, 2010			der: 10031 nent Statio			Page Nu N		11 of 16 ent, NM
Surrogate	$\begin{array}{c} \mathrm{LCS} \\ \mathrm{Result} \end{array}$	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.		Rec. Limit
n-Tricosane	102	<u>99.4</u>	mg/Kg	1	100	102	99	7	0 - 130
Laboratory Control	Spike (LC	S-1)							
QC Batch: 68314		D	ate Analyzed	: 2010-03	3-16		Ana	lyzed B	y: kg
Prep Batch: 58454			C Preparatio		3-16			pared B	
		LCS		·	Spike	Matrix		I	Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.		imit
DRO		239	mg/Kg	1	250	< 5.86	96	57.4	- 133.4
Percent recovery is bas	ed on the sp	ike result. RI	PD is based or	n the spike	and spike d	uplicate res	sult.		
		LCSD		Spike	Matrix		Rec.		RPD
Param			Jnits Dil.	Amount	Result	Rec.	Limit	RPD	Limit
DRO		221 m	g/Kg 1	250	< 5.86	88 57	.4 - 133.4	8	20
Surrogate n-Tricosane	LCS Result 108	LCSD Result 100	Units mg/Kg	Dil.	Spike Amount 100	LCS Rec. 108	LCSD Rec. 100		Rec. Limit 70 - 130
Matrix Spike (MS-1	.) Spiked	Sample: 2252	222						
obweeling a									
- ,	, -	ת	ate Analyzed:	2010-03	-19		Anal	word Bu	· AG
QC Batch: 68230	, -		ate Analyzed: C Preparation					yzed By ared By	
QC Batch: 68230	, -		ate Analyzed: C Preparatior					yzed By ared By	
QC Batch: 68230	, -	Q			-12	Matuir		ared By	: AG
QC Batch: 68230 Prep Batch: 58381	, -	Q MS	C Preparation	n: 2010-03	-12 Spike	Matrix Result	Prep	ared By	: AG Rec.
QC Batch: 68230 Prep Batch: 58381 Param		${f MS} {f Result}$	C Preparation Units	n: 2010-03 Dil.	-12 Spike Amount	Result	Preparent Prepar	ared By I I	: AG Rec. Jimit
QC Batch: 68230 Prep Batch: 58381 Param Benzene		Q MS	C Preparation Units mg/Kg	n: 2010-03	-12 Spike		Preparent Prepar	ared By 1 1 57.7	: AG Rec.
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene		Q MS Result 1.89	C Preparation Units	n: 2010-03 Dil. 1	-12 Spike Amount 2.00	Result <0.00410	Prep. Rec. 9 94 93	ared By 1 <u>1</u> 57.7 53.4	: AG Rec. imit - 140.7
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene		Q <u>MS</u> <u>Result</u> 1.89 1.92	C Preparation Units mg/Kg mg/Kg	n: 2010-03 Dil. 1 1	Spike Amount 2.00 2.00	Result <0.00410 0.0664	Prep. Rec. 9 94 93	ared By I 57.7 53.4 62.1	: AG Rec. .imit - 140.7 - 146.6
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene	ed on the sp	Q <u>MS</u> <u>Result</u> 1.89 1.92 1.96 5.91	C Preparation Units mg/Kg mg/Kg mg/Kg mg/Kg	n: 2010-03 Dil. 1 1 1 1 1	Spike Amount 2.00 2.00 2.00 6.00	Result <0.00410 0.0664 <0.00240 0.1979	Prep. Rec. 9 94 93 9 98 95	ared By I 57.7 53.4 62.1	: AG Rec. imit - 140.7 - 146.6 - 141.6
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene	ed on the sp	Q <u>MS</u> <u>Result</u> 1.89 1.92 1.96 5.91 bike result. R.	C Preparation Units mg/Kg mg/Kg mg/Kg mg/Kg	n: 2010-03 Dil. 1 1 1 1 1 1 1 1	Spike Amount 2.00 2.00 2.00 6.00 and spike d	Result <0.00410 0.0664 <0.00240 0.1979	Prep. Rec. 9 94 93 9 98 95 sult.	ared By I 57.7 53.4 62.1	: AG Rec. imit - 140.7 - 146.6 - 141.6 - 142.7
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene Percent recovery is bas	ed on the sp	Q <u>MS</u> <u>Result</u> 1.89 1.92 1.96 5.91 Dike result. RJ MSD	C Preparation Units mg/Kg mg/Kg mg/Kg mg/Kg	n: 2010-03 Dil. 1 1 1 1 1	Spike Amount 2.00 2.00 2.00 6.00	Result <0.00410 0.0664 <0.00240 0.1979	Prep. Rec. 9 94 93 9 98 95	ared By I 57.7 53.4 62.1	: AG Rec. .imit - 140.7 - 146.6 - 141.6
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene Percent recovery is bas Param	ed on the sp	Q MS Result 1.89 1.92 1.96 5.91 bike result. RI MSD Result U	C Preparation Units mg/Kg mg/Kg mg/Kg mg/Kg PD is based of	n: 2010-03 Dil. 1 1 1 1 1 n the spike Spike	-12 Spike Amount 2.00 2.00 6.00 and spike d Matrix	Result <0.00410 0.0664 <0.00240 0.1979 uplicate res Rec.	Prep. Rec. 94 93 93 98 95 sult. Rec.	I I 57.7 53.4 62.1 61.2	: AG Rec. - 140.7 - 146.6 - 141.6 - 142.7 RPD
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene Percent recovery is bas Param	ed on the sp	$\begin{array}{c} \text{MS} \\ \hline \text{Result} \\ \hline 1.89 \\ 1.92 \\ 1.96 \\ 5.91 \\ \hline \text{bike result. RI} \\ \hline \text{MSD} \\ \hline \text{Result} U \\ \hline 1.95 \text{mg} \end{array}$	C Preparation Units mg/Kg mg/Kg mg/Kg PD is based of nits Dil.	n: 2010-03 Dil. 1 1 1 1 1 n the spike Spike Amount	Spike Amount 2.00 2.00 2.00 6.00 and spike d Matrix Result	Result <0.00410	Prep. Rec. 9 94 93 9 98 95 sult. Rec. Limit	l l 1 57.7 53.4 62.1 61.2 RPD	: AG Rec. imit - 140.7 - 146.6 - 141.6 - 142.7 RPD Limit
QC Batch: 68230 Prep Batch: 58381 Param Benzene Toluene Ethylbenzene Xylene Percent recovery is bas Param Benzene	ed on the sp	Q MS Result 1.89 1.92 1.96 5.91 Dike result. RI MSD Result U 1.95 mg 2.00 mg	C Preparation Units mg/Kg mg/Kg mg/Kg PD is based of nits Dil. g/Kg 1	n: 2010-03 Dil. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2.00	-12 Spike Amount 2.00 2.00 2.00 6.00 and spike d Matrix Result <0.00410	Result <0.00410	Prep. Rec. 9 94 93 9 98 95 sult. Rec. Limit 7.7 - 140.7	I I 57.7 53.4 62.1 61.2 RPD 3	: AG Rec. imit - 140.7 - 146.6 - 141.6 - 142.7 RPD Limit 20

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

Report Date: March 17, 2010 Monument Station		V		der: 10031 hent Static				I			12 of 16 lent, NM
	MS	MS	SD			Spike	Ν	٨S	MSD		Rec.
Surrogate	Resul	t Res	sult	Units	Dil.	Amoun	t R	lec.	Rec.		Limit
Trifluorotoluene (TFT)	1.90	1.	93 г	ng/Kg	1	2		95	96	61.'	7 - 139.6
4-Bromofluorobenzene (4-BFB)	2.19	2.	20 r	ng/Kg	1	2	1	.10	110	49.0	6 - 146.7
Matrix Spike (MS-1) Spiked	Sample: 22	5126									
QC Batch: 68231		Date A	nalyzed:	2010-03	8-12				Analy	zed B	y: AG
Prep Batch: 58381			paration	: 2010-03	8-12					red B	
					a						Ð
D	MS		TT	וים		pike	Mati		Dec		Rec.
Param GRO	Resu 17.0		Units ng/Kg	1		nount 20.0	Rest <0.3		Rec. 85	1(Limit) - 198.3
			<i></i>						00	T	<u> </u>
Percent recovery is based on the sp	pike result.	RPD IS	based of	i the spike	and s	ріке айрі	icate r	esuit.			
	MSD			Spike	М	a trix		Re	ec.		RPD
Param	Result	Units	Dil.	Amount			Rec.	Lin		RPD	Limit
GRO	19.6	mg/Kg	1	20.0	<1	0.396	98	10 - 1	98.3	14	20
Percent recovery is based on the sp	pike result.	RPD is	based or	n the spike	and s	pike dupl	icate r	esult.			
	М	C T	MSD			Spil	-0	MS	MSE	`	Rec.
Surrogate	Res		Result	Units	Dil.	-		Rec.	Rec.		Limit
Trifluorotoluene (TFT)	2.1		2.82	mg/Kg	1	2		140	141		5.5 - 143
<u>4-Bromofluorobenzene (4-BFB)</u>	4 5 2.9		2.86	mg/Kg	1	2		148	143		<u>8.6 - 140</u>
Matrix Spike (MS-1) Spiked	Sample: 22	5223									
QC Batch: 68275		Date A	nalyzed:	2010-0	3-15				Anal	yzed E	y: DS
Prep Batch: 58420		QC Pre	eparation	n: 2010-0	3-15				Prep	ared B	y: DS
	MS				Sı	oike	Mat	rix			Rec.
Param	Resu	lt	Units	Dil.	-	ount	Res		Rec		Limit
Aroclor 1260 (PCB-1260)	0.068		ng/Kg	1	0.0	0640	< 0.0	0121	107	,	10 - 211
Percent recovery is based on the sp	pike result.	RPD is	based or	1 the spike	and s	pike dupl	icate r	esult.			
	MSD			Spike	λ	Iatrix		R	.ec.		RPD
Param	Result	Units	Dil.	Amount		Result	Rec.		mit	RPD	Limit
Aroclor 1260 (PCB-1260)	0.0592	mg/Kg									

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

continued ...

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⁴High surrogate recovery due to peak interference. ⁵High surrogate recovery due to peak interference.

Monument Station	2010		Work Orde Monume	er: 100311 ent Station				Page Nu N		13 of 16 ent, NM
matrix spikes continued .										
a la	MS	MSD	TT T	D .1	Spike		MS	MSD		Rec.
Surrogate	Result	Result	Units	Dil.	Amour	nt .	Rec.	Rec.		Limit
	MS	MSD			Spike	9	MS	MSD		Rec.
Surrogate	Result	Result	Units	Dil.	Amou	nt I	Rec.	Rec.		Limit
Deca chlorobiphenyl	0.00731	0.00683	mg/Kg	g 1	0.016	7	44	41	35	.9 - 142
Matrix Spike (MS-1)	Spiked Sample	: 225222								
QC Batch: 68282			Analyzed:	2010-03					lyzed B	
Prep Batch: 58429		QC Pr	reparation:	2010-03	-15			Prep	pared B	y: kg
D		MS	TT :,	ויס	Spike	Mat		D		Rec.
Param DRO		esult 181 i	Units	Dil.	Amount	Rest <5.		Rec		.imit - 167.1
			mg/Kg	1	250			12	35.2	- 107.1
Percent recovery is based	d on the spike resu	ilt. RPD is	based on	the spike	and spike di	iplicate	result.			
	MSD			Spike	Matrix		Re	c.		RPD
Param	Resul			Amount	Result	Rec.	Lin		RPD	Limit
									19	20
	205	mg/Kg		250	< 5.86	82	35.2 -	107.1	12	
								167.1	12	
	d on the spike rest	ılt. RPD is			and spike du	uplicate	result.		12	
Percent recovery is based		ılt. RPD is SD				uplicate N		MSD Rec.		Rec. Limit
Percent recovery is based Surrogate	d on the spike resu MS MS	ılt. RPD is SD sult	based on	the spike	and spike du Spike	uplicate M R	result. AS	MSD		Rec.
Percent recovery is based Surrogate n-Tricosane Matrix Spike (MS-1) QC Batch: 68314	d on the spike resu MS MS Result Res	Ilt. RPD is SD Sult 33 r 225699 Date J	based on Units	the spike Dil. 1 2010-03	and spike du Spike Amount 100	uplicate M R	result. IS ec.	MSD Rec. 103 Ana		Rec. Limit 70 - 130
Prep Batch: 58454	d on the spike resu MS MS Result Res 94.9 10 Spiked Sample	Ilt. RPD is SD Sult 03 r e: 225699 Date J QC Pr MS	based on Units ng/Kg Analyzed: reparation:	the spike Dil. 1 2010-03 2010-03	and spike du Spike Amount 100 -16 -16 Spike	uplicate N R	result. 4S ec. 95 S	MSD Rec. 103 Ana Prep	lyzed B bared B	Rec. Limit 70 - 130 iy: kg y: kg Rec.
Percent recovery is based <u>Surrogate</u> n-Tricosane Matrix Spike (MS-1) QC Batch: 68314 Prep Batch: 58454 Param	d on the spike resu MS MS Result Res 94.9 10 Spiked Sample	Ilt. RPD is SD Sult 03 r 225699 Date A QC Pr MS esult	based on Units ng/Kg Analyzed: reparation: Units	the spike Dil. 1 2010-03 2010-03 Dil.	and spike du Spike Amount 100 -16 -16 Spike Amount	uplicate N R Mat Resu	result. 4S ec. 95 95	MSD Rec. 103 Ana Prep Rec.	lyzed B bared B	Rec. Limit 70 - 130 iy: kg y: kg Rec. .imit
Percent recovery is based Surrogate n-Tricosane Matrix Spike (MS-1) QC Batch: 68314 Prep Batch: 58454 Param DRO	d on the spike resu MS M9 Result Res 94.9 10 Spiked Sample R	Ilt. RPD is SD Sult 225699 Date 2 QC Pr MS esult 203	units Manalyzed: reparation: Units Manalyzed:	the spike Dil. 1 2010-03 2010-03 Dil. 1	and spike du Spike Amount 100 3-16 3-16 Spike Amount 250	Ant Rest	result. 4S ec. 05	MSD Rec. 103 Ana Prep	lyzed B bared B	Rec. Limit 70 - 130 iy: kg y: kg Rec. .imit
Percent recovery is based Surrogate n-Tricosane Matrix Spike (MS-1) QC Batch: 68314 Prep Batch: 58454 Param DRO	d on the spike resu MS M9 Result Res 94.9 10 Spiked Sample R	Ilt. RPD is SD Sult 225699 Date 2 QC Pr MS esult 203	units Manalyzed: reparation: Units Manalyzed:	the spike Dil. 1 2010-03 2010-03 Dil. 1	and spike du Spike Amount 100 3-16 3-16 Spike Amount 250	Ant Rest	result. 4S ec. 05	MSD Rec. 103 Ana Prep Rec.	lyzed B bared B	Rec. Limit 70 - 130 iy: kg y: kg Rec. .imit
Percent recovery is based Surrogate n-Tricosane Matrix Spike (MS-1) QC Batch: 68314 Prep Batch: 58454 Param DRO	d on the spike resu MS M9 Result Res 94.9 10 Spiked Sample R	Ilt. RPD is SD Sult 03 r 225699 Date A QC P MS esult 203 ilt. RPD is	units mg/Kg Analyzed: reparation: Units mg/Kg s based on	the spike Dil. 1 2010-03 2010-03 Dil. 1 the spike Spike	and spike du Spike Amount 100 3-16 3-16 Spike Amount 250	Ant Rest	result. 4S ec. 05	MSD Rec. 103 Ana Prep Rec. 81	lyzed B bared B	Rec. Limit 70 - 130 iy: kg y: kg Rec.
Percent recovery is based Surrogate n-Tricosane Matrix Spike (MS-1) QC Batch: 68314	d on the spike resu MS MS Result Res 94.9 10 Spiked Sample R d on the spike resu	Ilt. RPD is SD Sult 03 r 225699 Date 2 QC P MS esult 203 r Ilt. RPD is	units Manalyzed: reparation: Units mg/Kg based on Dil.	the spike Dil. 1 2010-03 2010-03 Dil. 1 the spike	and spike du Spike Amount 100 -16 -16 Spike Amount 250 and spike du	Ant Rest	result. AS ec. 25 cix alt 36 result.	MSD Rec. 103 Ana Prep Rec. 81 c. nit	lyzed B bared B	Rec. Limit 70 - 130 y: kg y: kg Rec. Limit - 167.1

Monument Station	ch 17, 2010			Order: 10031 ument Statio				nber: 14 of 10 onument, NM
matrix spikes contir								
	MS	MSD			Spike	MS	MSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
	MS	MSD			Spike	MS	MSD	Rec.
Surrogate	Result	Result	Units	Dil.	Amount	Rec.	Rec.	Limit
n-Tricosane	103	105	mg/Kg	1	100	103	105	70 - 130
Standard (CCV-2	2)							
QC Batch: 68230			Date Analyze	d: 2010-03-	12		Analyz	zed By: AG
			CCVs	CCVs	CCVs	Per	cent	
			True	Found	Percent	Reco	overy	Date
Param	Flag	Units	Conc.	Conc.	Recovery		nits	Analyzed
Benzene		mg/Kg	0.100	0.0917	92		120	2010-03-12
Denizenie		mg/Kg	0.100	0.0912	91		120	2010-03-12
Toluene								
Toluene Ethylbenzene		$\mathrm{mg/Kg}$	0.100	0.0908	91		120	2010-03-12
Toluene				$0.0908 \\ 0.272$	91 91		120 120	
Toluene Ethylbenzene Xylene	3)	$\mathrm{mg/Kg}$	0.100					
Toluene Ethylbenzene	3)	$\mathrm{mg/Kg}$	0.100	0.272	91		120	
Toluene Ethylbenzene Xylene Standard (CCV-3	3)	$\mathrm{mg/Kg}$	0.100 0.300 Date Analyze	0.272 d: 2010-03-	91 12	80 -	120 Analyz	2010-03-12
Toluene Ethylbenzene Xylene Standard (CCV-3	3)	$\mathrm{mg/Kg}$	0.100 0.300	0.272	91 12 CCVs	80 - Per	Analyz	2010-03-1
Toluene Ethylbenzene Xylene Standard (CCV-3 QC Batch: 68230	3) Flag	$\mathrm{mg/Kg}$	0.100 0.300 Date Analyze CCVs	0.272 d: 2010-03- CCVs	91 12	80 - Per Reco	120 Analyz	2010-03-1 zed By: AG Date
Toluene Ethylbenzene Xylene Standard (CCV-3 QC Batch: 68230 Param		mg/Kg mg/Kg Units	0.100 0.300 Date Analyze CCVs True	0.272 d: 2010-03- CCVs Found	91 12 CCVs Percent	80 - Per Recc Lir	Analyz cent overy	2010-03-1 zed By: AG Date Analyzed
Toluene Ethylbenzene Xylene Standard (CCV- QC Batch: 68230 Param Benzene		mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc.	0.272 d: 2010-03- CCVs Found Conc.	91 12 CCVs Percent Recovery	80 - Per Reco Lir 80 -	Analyz cent overy nits	2010-03-1 zed By: AG Date Analyzed 2010-03-1
Toluene Ethylbenzene Xylene Standard (CCV- QC Batch: 68230 Param Benzene Toluene		mg/Kg mg/Kg Units mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926	91 12 CCVs Percent Recovery 95	80 - Per Recc Lir 80 - 80 -	Analyz cent overy nits 120	2010-03-1 zed By: AG Date Analyzed 2010-03-1 2010-03-1
Toluene Ethylbenzene Xylene Standard (CCV-3		mg/Kg mg/Kg Units mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938	91 12 CCVs Percent Recovery 95 94	80 - Per Reco Lir 80 - 80 - 80 -	Analyz cent overy nits 120 120	2010-03-12 zed By: AG
Toluene Ethylbenzene Xylene Standard (CCV- QC Batch: 68230 Param Benzene Toluene Ethylbenzene Xylene	Flag	mg/Kg mg/Kg Units mg/Kg mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100 0.100	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926	91 12 CCVs Percent Recovery 95 94 93	80 - Per Reco Lir 80 - 80 - 80 -	Analyz cent overy nits 120 120 120 120	2010-03-12 zed By: AG Date Analyzed 2010-03-12 2010-03-12 2010-03-12
Toluene Ethylbenzene Xylene Standard (CCV-3 QC Batch: 68230 Param Benzene Toluene Ethylbenzene Xylene Standard (CCV-3	Flag	mg/Kg mg/Kg Units mg/Kg mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100 0.100	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926 0.276	91 12 CCVs Percent Recovery 95 94 93 92	80 - Per Reco Lir 80 - 80 - 80 -	Analyz cent overy nits 120 120 120 120 120	2010-03-13 zed By: AG Date Analyzed 2010-03-13 2010-03-13 2010-03-13
Toluene Ethylbenzene Xylene Standard (CCV-: QC Batch: 68230 Param Benzene Toluene Ethylbenzene	Flag	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100 0.100 0.300	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926 0.276	91 12 CCVs Percent Recovery 95 94 93 92 12	Per Recc Lir 80 - 80 - 80 - 80 -	Analyz cent overy nits 120 120 120 120 120 Analyz	2010-03-12 zed By: AG Date Analyzed 2010-03-12 2010-03-12 2010-03-12
Toluene Ethylbenzene Xylene Standard (CCV-3 QC Batch: 68230 Param Benzene Toluene Ethylbenzene Xylene Standard (CCV-3	Flag	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100 0.100 0.300 Date Analyze CCVs	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926 0.276 d: 2010-03-	91 12 CCVs Percent Recovery 95 94 93 92	80 - Per Reco Lir 80 - 80 - 80 -	Analyz cent overy nits 120 120 120 120 120 Analyz ent	2010-03-13 zed By: AG Date Analyzed 2010-03-13 2010-03-13 2010-03-13 2010-03-13 2010-03-13
Toluene Ethylbenzene Xylene Standard (CCV-3 QC Batch: 68230 Param Benzene Toluene Ethylbenzene Xylene Standard (CCV-3	Flag 2)	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0.100 0.300 Date Analyze CCVs True Conc. 0.100 0.100 0.100 0.300 Date Analyze CCVs	0.272 d: 2010-03- CCVs Found Conc. 0.0947 0.0938 0.0926 0.276 d: 2010-03- CCVs	91 12 CCVs Percent Recovery 95 94 93 92 12 12 CCVs	Per Recc Lir 80 - 80 - 80 - 80 - 80 -	Analyz cent overy nits 120 120 120 120 120 Analyz ent very	2010-03-13 zed By: AG Date Analyzed 2010-03-13 2010-03-13 2010-03-13

QC Batch: 68231

Date Analyzed: 2010-03-12

Analyzed By: AG

Report Date Monument S	e: March 17, 20 Station	010		Work Order: Monument)8		mber: 15 of 16 Ionument, NM
Param	Flag	Units mg/Kg	CCVs True Conc.	CCVs Found Conc. 1.14		CCVs Percent Recovery 114	Percent Recovery Limits 80 - 120	Date Analyzed 2010-03-12
<u> </u>		Kg	1.00	1.14			00 - 120	2010-00-12
Standard (CCV-1)							
QC Batch:	68275		Date A	Analyzed: 20	10-03-15	5	Analy	zed By: DS
Param		Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Aroclor 1242 Aroclor 1254	2 (PCB-1242) 4 (PCB-1254) 0 (PCB-1260)	Flag	mg/L mg/L mg/L	0.400 0.400 0.400	0.419 0.342 0.340	105 86 85	85 - 115 85 - 115 85 - 115 85 - 115	2010-03-15 2010-03-15 2010-03-15
Standard (CCV-2)							
QC Batch:	68275		Date A	Analyzed: 20	10-03-15	5	Analy	zed By: DS
	2 (PCB-1242) 4 (PCB-1254)	Flag	Units mg/L mg/L	CCVs True Conc. 0.400 0.400	CCVs Found Conc. 0.440 0.347	CCVs Percent Recovery 110 87	Percent Recovery Limits 85 - 115 85 - 115	Date Analyzed 2010-03-15 2010-03-15
) (PCB-1260)		mg/L	0.400	0.349	87	85 - 115	2010-03-15
Standard (CCV-3)							
QC Batch:	68282		Date 4	Analyzed: 20	10-03-1	5	Anal	yzed By: kg
Param DRO	Flag	Units mg/Kg	CCVs True Conc. 250	CCVs Found Conc. 200		CCVs Percent Recovery 80	Percent Recovery Limits 80 - 120	Date Analyzed 2010-03-15
Standard (CCV-4)							
QC Batch:	,		Date .	Analyzed: 20	010-03-1	5	Anal	yzed 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 Da Monumen	ate: March 17, t Station	2010		ork Order: 100 Monument Stat		0	umber: 16 of 16 Monument, NM
Standard	(CCV-1)						
QC Batch:	68314		Date An	alyzed: 2010-0)3-16	Ana	alyzed By: kg
			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
\mathbf{Param}	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
DRO		mg/Kg	250	249	100	80 - 120	2010-03-16
Standard	(CCV-2)						
QC Batch:	: 68314		Date An	alyzed: 2010-0	03-16	Ana	alyzed By: kg
			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
DRO		m mg/Kg	250	206	82	80 - 120	2010-03-16



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6 FAX 806 • 794 • 1298 8 FAX 915 • 585 • 4944 1 FAX 432 • 689 • 6313

WBENC: 237019

HUB:1752439743100-86536NCTRCAWFWB38444Y0909

Certifications

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, NMProject Name:Monument StationProject Number:Monument Station

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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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.

Blain Leptinich

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.

		Prep	Prep	QC	Analysis
Test	Method	Batch	Date	Batch	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.

Analytical Report

Sample: 225223 - Clarifier 13'

Laboratory: Analysis: QC Batch: Prep Batch:	Midland Chloride (IC) 68569 58631	Analytical Method: Date Analyzed: Sample Preparation:	E 300.0 2010-03-24 2010-03-23	Prep Method: Analyzed By: Prepared By:	N/A AR AR
Parameter	Flag	$\operatorname{RL}_{\operatorname{Result}}$	Units	Dilution	RL
Chloride		23.9	mg/Kg	5	1.00
Method Bla	ank (1) QC Batch: 68	569			

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

		MDL		
Parameter	\mathbf{Flag}	Result	Units	RL
Chloride		<0.0430	mg/Kg	1

Laboratory Control Spike (LCS-1)

QC Batch:	68569	Date	e Analyzed:	2010-03	-24		Analyzed	d By: AR
Prep Batch:	58631	QC	Preparation:	2010-03	-23		Preparec	By: AR
		LCS			Spike	Matrix		Rec.
Param		Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride		24.3	mg/Kg	1	25.0	< 0.0430	97	90 - 110
Percent recov	very is based on th	he spike result. RPD) is based on	the spike	and spike dup	licate result.		

	LCSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	24.3	$\mathrm{mg/Kg}$	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:	\mathbf{AR}

Report Date: March 26, 2010 Monument Station		10	Work Order: 10031108 Monument Station					P	age Numb Monur	er: 5 of 5 nent, NM
Param			${ m MS}$ Result	Units	Dil.	Spike Amount		trix sult	Rec.	Rec. Limit
Chloride		1	138	mg/Kg	<u> </u>	138		3.9	83	90 - 110
	covery is based or	the spike r								
		-			-					מממ
Param			ISD sult Unit	s Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
<u>Chloride</u>			$\frac{1}{39}$ mg/K		138	23.9	<u>84</u>	<u>90 - 110</u>		L/IIII16
	` '		Dete 4		9010 02 04					
Standarð QC Batch:	` '		Date A	Analyzed:	2010-03-24	ł		A	nalyzed I	By: AR
	` '		${ m Date}\; A$ ICVs	v	2010-03-24	ICVs		A Percent	analyzed I	By: AR
QC Batch:	68569		ICVs True	IC Fo	CVs und			Percent Recovery	,	Date
QC Batch: Param	` '	Units	ICVs True Conc.	IC Fo Co	CVs und onc.	ICVs Percent Recovery]	Percent Recovery Limits	A	Date Analyzed
QC Batch: Param	68569	Units mg/Kg	ICVs True	IC Fo Co	CVs und	ICVs Percent]	Percent Recovery	A	Date
QC Batch: Param Chloride	68569	0 0.7	ICVs True Conc.	IC Fo Co	CVs und onc.	ICVs Percent Recovery]	Percent Recovery Limits	A	Date Analyzed
QC Batch: Param Chloride Standard	68569 Flag (CCV-1)	0 0.7	ICVs True Conc. 25.0	IC Fo Co	CVs und onc.	ICVs Percent Recovery 94]	Percent Recovery Limits 90 - 110	A	Date Analyzed D10-03-24
QC Batch: Param Chloride Standard	68569 Flag (CCV-1)	0 0.7	ICVs True Conc. 25.0	IC Fo Cc 2. Analyzed:	UVs und onc. 3.5	ICVs Percent Recovery 94]	Percent Recovery Limits 90 - 110	 2(Date Analyzed D10-03-24
QC Batch: Param Chloride Standard QC Batch:	68569 Flag (CCV-1) 68569	mg/Kg	ICVs True Conc. 25.0 Date A	IC Fo Ca 2: Analyzed: CC	2Vs und onc. 3.5 2010-03-24	ICVs Percent Recovery 94]	Percent Recovery Limits 90 - 110 A	 2(Date Analyzed D10-03-24
QC Batch: Param Chloride	68569 Flag (CCV-1)	0 0.7	ICVs True Conc. 25.0 Date A CCVs	IC Fo Cc 2: Analyzed: CC Fo Cc	2Vs und onc. 3.5 2010-03-24 2Vs	ICVs Percent Recovery 94 CCVs]	Percent Recovery Limits 90 - 110 A Percent	A 20 Analyzed E	Date Analyzed D10-03-24 By: AR

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 $^{^{1}}$ Matrix spike recovery out of control limits due to peak interference. Use LCS/LCSD to demonstrate analysis is under control. 2 MSD analyte out of range. MS/MSD has a RPD within limits. Therfore, MS shows extraction occured properly.

Vacc IEMISIAC

рюн 8808 Camp Bowie Blvd. West, Suite 180 FL, Worth, Texas 76116 Tel (817) 201-5560 Fax (817) 560-4336 Turn Around Time if different from standard Nidlaud - BTEX, TPH N Nubbour-DCB'S Circle or Specify Method No. 2J6266 Dry Weight Basis Required Check If Special Reporting Limits Are Needed TRRP Report Required ANALYSIS REQUEST Moisture Content Page Hq ,22T ,008 Pesticides 8081A/608 57 ш PCB' (8082) 608 200 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3443 Fax (915) 585-4944 1 (888) 588-3443 × 1 GC/MS Semi, Vol. 8270C / 625 REMARKS: CC/WS API' 8560B / 624 RCI CRANN N **TCLP Pesticides** TCLP Semi Volatiles Headspace YIN/NA TCLP Volatiles **LAB USE** Log-in-Review 🗥 TCLP Metals Ag As Ba Cd Cr Pb Se Hg ONLY Intact X N T.002/80108 PH SC dT Cd Cr Pb Se Hg So108/2001 5002 Basin Street, Suite A1 Midland, Texas 79703 Tel (432) 689-6301 Fax (432) 689-6313 PAH 8270C / 625 TPH 8015 CRO / DROV TVHC × 1081108 TPH 418.1 / TX1005 / TX1005 Ext(C35) Carrier # BTEX (80218) 602 / 82608 / 624 \prec × Temp られ。 らな Temp`c: Temp^{čc:} 80218 / 602 / 82608 / 624 **B**8TM 1050 3-10-10 1220 SAMPLING TIME 16:53 Time: chale O kleintelder com 3-10-10 Time: Time: Station 6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 Tel (306) 794-1296 Fa (306) 794-1298 1 (300) 378-1298 1 (300) 378-1296 თ **DATE** Phone #: 432-563-1106 432-561.5034 0 3-12-10 14 Date: Date: Date: PRESERVATIVE NONE \times ~ Jen y Ö \sim 7 ICE метноб Men bignature Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. HOPN Company: Rac Company: Company: "OS^zH lat 5 Project Name: ²ONH ICH E-mail: 1 El Received by: SLUDGE Received by: MATRIX⁴ Received by Quert AIA TraceAnalysis, Inc. midlend TX 79706 SOIL × × ЯЭТАW email: lab@traceanalysis.com 45 1.00 1-1.00 3 truomA / emuloV Time: Time: Time: N # CONTAINERS N 3-10-10 9 ч/Пр. Date: U Date: Date: VinD M Company Name: Ne 1 N 121 der ame Hwy 80 FIELD CODE 45 CVC1 Company: Company: Company: Project Location (including state) \mathcal{O} -laritier Scrubber Hale (If different from above) Morumens Sélinquished by: Refinguished by: Harry Relinquished by Contact Person: 8004 233 NLX N nvoice to: Project #: 695221 LAB #

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LAB Order ID #



рюн 8808 Camp Bowie Blvd. West, Suite 180 FL Worth, Texas 76116 Tel (817) 201-3260 Fax (817) 560-4336 Turn Around Time if different from standard VLIDUQUOUCO - BTEX, TYH N No.) NNCOLZ Swobouk-DCB **Circle or Specify Method** Dry Weight Basis Required Check If Special Reporting Limits Are Needed TRRP Report Required **ANALYSIS REQUEST** Moisture Content Page_ Hq , SST BOD, Pesticides 8081A / 608 5 ш PCB' 8082 / 608 × 200 East Sunset Rd., Suite E El Paso, Texas 79922 Tel (915) 585-3433 Fax (915) 585-34944 1 (888) 585-3434 Suite GC/MS Semi. Vol. 8270C / 625 REMARKS GC/MS API: 8260B / 624 RCI N CY DSD TCLP Pesticides TCLP Semi Volatiles Headspace Y/N/K Log-In-Review TCLP Volatiles AB USE 4.07 TCLP Metals Ag As Ba Cd Cr Pb Se Hg ONLY Intact V N T.005\80103 pH 92 dT 13 b3 s8 24 pA sistem istoT 5002 Basin Street, Suite A1 Midland, Toxas 79703 Tel (432) 689-6301 Fax (432) 689-6313 PAH 8270C / 625 XX TPH 8015 CRO / DROV TVHC LAB Order ID # 10031 108 TPH 418.1 / TX1005 / TX1005 Ext(C35) Carrier # 100 190 190 BTEX (8021B) 602 / 8260B / 624 $\prec \times$ 45 Temp°c: Temp°c: Temp°c: 80218 / 602 / 82608 / 624 **B**8TM 1050 3-10-101220 SAMPLING **JMIT** St.a ahale Oklen (2) der com ei S 3.10-10 Time: Time: Time: 1 53 6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 Tel (306) 794-1296 Fax (806) 794-1298 1 (800) 378-1298 1 (800) 378-1296 თ **JTA** Phone #: 432-563-1106 432-561-5034 S to 1 0 3-12-10 るこ Date: Date: Date: PRESERVATIVE METHOD NONE > \sim Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C. 2 ICE Mcmbr Signature HOPN 15aC Company: Company: Company: "OS⁷H 19e Project Name: 1 ²ONH ICH E-mail Fax #: to love Received by: SLUDGE Received by: Received by MATRIX TraceAnalysis, Inc. AIA Mudland TX 79701 SOIL ≻ **AJTAW** email: lab@traceanalysis.com 45 1.3 JnuomA / amuloV £ Time: Time: Time: 2 **# CONTAINERS** N 3-10-10 3/11/10 Date: Date: Date: V Num0 N Same Street, City, Zip) Hwy 80 FIELD CODE Company: ل کلال Company Company Project Location (including state) -laritier 2 Scrubber Hale (If different from above) Nerumen 2 Agren Relinquished by: Refinatuished by: Relinquished by: SOOY Contact Person: Company Name: 28522 233 UND USE Invoice to: Address: 800 19.) 2 m Project #: LAB# ÷,

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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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX				TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	\mathbf{Flag}	\mathbf{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	m 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	m 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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX				TPH DRO - NEW	TPH GRO
]	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	\mathbf{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, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX			TPH DRO - NEW	TPH GRO	
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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'

Report Date: March 30, 2010		Work Order: 10032906	Page	Page Number: 2 of 2	
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, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX			TPH DRO - NEW	TPH GRO	
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX			TPH DRO - NEW	TPH GRO	
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	\mathbf{RL}
Chloride		12.1		1.00

Sample: 228681 - Stockpile Section B

Param	Flag	Result	Units	RL
Chloride		13.2	mg/Kg	1.00

Report Date: April 21, 2010		Work Order: 10041527	Pag	Page Number: 2 of 2			
Sample: 228682 - Stockpile Section C							
Param	Flag	Result	Units	RL			
Chloride		16.6	m mg/Kg	1.00			
Sample: 228683	- Stockpile Section D						
Param	Flag	\mathbf{Result}	Units	RL			
Chloride		17.5	mg/Kg	1.00			
Sample: 228684	- Stockpile Section E						
Param	Flag	\mathbf{Result}	Units	RL			
Chloride		23.5	mg/Kg	1.00			
Sample: 228685	- Stockpile Section F						
Param	Flag	\mathbf{Result}	Units	RL			
Chloride		11.2	mg/Kg	1.00			

Attachment B -

Available Waste Manifests

		TE MANIFEST

	NC	ÓN-HAZARDOUS	S WASTE MA	NIFEST	62198
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Operations Cent	er	Esta Santa Sa	and the second	Permit No.	
Property Name		Harank Battery, Plant-Facility	<u></u>		
				5.5.5.9.1.1.9- 	
WASTEIDENTIFI	CATION AND A	AMOUNT (BARRELS.	<u>. YARDS. TONS. (</u>	CU.FT., LBS., UNI	rs, etc.)
Drilling Fluids		Fank Bottoms		Evanit Ehr	Ar States
Completion Fluids		Gas Plant Was		Exempt Flu C1.17 No.	
Contaminated Soil		Other Materia	이 가지 않는 것을 가지 않는 것을 가운 바람을 물었다.	Pit No.	
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PART II: TRA	NSPORTER	: (To be complete	ed in full by Tra	ansporter)	
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Nam Addr City/ CERTIFICATION PART III: DISF Nam	ne ress State I: ncernityuhacu ZOSAL OR R POSAL OR R	ne waste in quantity above was nature of Transporter's Agent.	sreccived by me for ship	ment to the destination b	Truck No.
Nam Addr City/ CERTIFICATION PARTIII: DISF Nam Addr	ne ress /State / I: tcerrify that it ///// Sign POSAL OR R POSAL OR R ne ress <u>Contr</u>	nc waste in quantity above was atture of Transporter's Agent RECLAMATION S olled Recovery.	streetived by me for ship	ment to the destination b	Fruck No. Solve Date and Time I 393-1079
Nam Addr City/ CERTIFICATION PART III: DISF Nam Addr City/9	ne ress /State /State // // State // State // / / / / / / / / / / / / / / / / /	nc waste in quantity above was attire of Transporter's Agent RECLAMATION S <u>olled Recovery ,</u> <u>Box 388</u> <u>obbs, N:M. 8824</u>	sreetived by me for ship ITE: Inc. 1-0388	ment to the destination в 	Truck No Total Date and Time f) 393-1079 Elephone No rihobbs:co F-mail
Nam Addr City/ CERTIFICATION PARTIII: DISF Nam Addr	ne ress /State /State // // State // State // / / / / / / / / / / / / / / / / /	ne waste in quantity above was fature of Transporter's Agent RECLAMATION'S olled Recovery, Box 388	sreetived by me for ship ITE: Inc. 1-0388	ment to the destination в 	Truck No Total Date and Time f) 393-1079 Elephone No rihobbs:co F-mail

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ТСР'. #7520-А

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and the second states of the second Sale in NON-HAZARDOUS WASTE MANIFEST PARTI: Generator Address Telephone No City/State ORGINATION OF WASTE **Operations** Center Permit No **Property Name** (Well, Tank Battery, Plant, Facility) WASTEIDENTIFICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT., LBS, UNITS, ETC.) X Drilling Fluids Tank Bottoms Exempt Fluids **Completion** Fluids Gas Plant Waste CI17 No.... Contaminated Soil Other Materials Pit No. 19 Exail. DESCRIPTION/NOTES . Star Gy. 323 2.24 CERTIFICATION The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below: "Ecertify that the foregoing is true and correct to the best of my knowledge Marine Mill Sary . Signature of Generator's Authorized Agent Date and Time of Shipment PART II: TRANSPORTER: (To be completed in full by Transporter) Name Telephon No Address 1. 2 T P City/State Struck 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 Receiver PART III: **DISPOSAL OR RECLAMATION SITE:** Controlled Recovery, Inc. Name (575) 393-1079 Telephone No. P.O. Box 388 Address Hobbs, N.M. 88241-0388 City/State www.crihobbs.com F-mail CERTIFICATION: 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

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TCP -#752074

N	OUS WASTE MANIFES
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PART I:	Generator Address City/State		() Tcleph	one No
ORGINATI	ON OF WASTE:			
Operations	Center	4 - T	Permit No	<u></u>
Property N		il Flank Battery, Plant Facility (CS222)	B. Manager and S. Sangara and S Sangara and Sangara and Sanga Sangara and Sangara and Sang Sangara and Sangara and Sang Sangara a	a de la composition de la comp
WASTEID	ENTIFICATION AND	AMOUNT (BARREES, YARDS, TO	NS. CUIFT. LBS. UNITS. ET	C.)
Drilling Flui Completion Contaminate	Fluids	- Tank Bottoms Gas Plant Waste Other Materials	Exempt Fluids Ght7 No Pit No	
	Land and Anna Anna Anna Anna Anna Anna An	DESCRIPTION/NOTE	S	
CERTIFIC		scribed above is not bazardous pursuant to 40 C Lecritive that the foregoing is true and correct f		nspürtei
	Signati	re of Generator's Authorized Agent	Date	and Tin
PART II:	TRANSPORTER	R: (To be completed in full b	y Transporter)	
	Name			
	Address			

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City/State ___

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PARTIII: DISPOSAL OR RECLAMATION SITE:

TCP - #7520-A,

Controlled Recovery, Inc. Name P.O. Box 388 Address Hobbs, N.M. 88241-0388 City/State _

Signature of Transporter's Agent

(575) 393-1079 Telephone No.

www.crihobbs.com Email

CERTIFICATION: Ecertify that the waste described in Part Ewas received by me via the transporter described in Part II.

Signature of Facility Agent

Dais and Thine Received

Date and Time of Shipment

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Date and Time Received

NON-HAZARDOUS WASTE MANIFEST

PART.I:: Generator _____ Address

- City/State
- ORGINATION OF WASTE:
- Operations Center
- Property Name

Contaminated Soil

TCP**37520-4

a (Well, Tank Banery, Plant, Facility)

				CONS, CU.FT., LBS	

Drilling Fluids Completion Fluids

Tank Bottoms GastPlant Waste

Other Materials

Exempt Fluids C117 No.

Permit No.

Telephone No

Pit No.

DESCRIPTION/NOTES

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

A COLORADO AND A COLORADO

Signature of Generator's Authorized Agent

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

Name_____ Address

City/State

CERTIFICATION: Lettiny that the waste in quantity above wastreceived by me for shipment to the destination below

Signature of Transporterss/Agent

PART III: DISPOSAL OR RECLAMATION SITE:

Name <u>Controlled Recovery, Inc.</u> Address ___**P.O. Box 388**

City/State Hobbs, N.M. 88241-0388

(575) 393-1079

Date and Time of Shipment

Date and Time Received

Date and Time Received

elephone No.

Truck No

www.crihobbs.com

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

Signature of Facility Agent

PARTI:	Generator		
	Address)
	City/State		Telephone No.
ORGINA ⁻	TION OF WASTE:		
Operatior	ns Center 💷 🧾	1. Mariles	Permit No
⊃roperty∖	Namo		
- IOĐGI(<u>X</u>		ell (Tank Barrers - Plant Facility)	
WASTEI	DENTIFICATION AND	AMOUNT (BARRELS, YARDS, TONS	CU.FT LBS. UNITS. ETC.)
Drilling Fl	uids	- Fank Bottoms	Exempt Fluids
Completion	그는 것 같은 것 같아. 그는 생각시험에서 말았다.	Gas Plant Waste	C117 No.
Contamina	ted Soil	_ Other Materials	Pit No.
		DESCRIPTION/NOTES	
5.2.2	<u>25 - F/10 / 65</u>	Stand Anna Dominia	an Salle Ingland 5
CERTIFIC	and a second constraints and the second s	sended above is not hazardous pursuantity 40,CFR F	
SERTIFIC	nimetision	Seribed above is not bazardous porsuanizio 40,CFR F Teerifiy that the foregoing is the and correct to the Control of Generator S Authorized Agent	
	nüncu below	-1 certify that the foregoing is the and correct to the	rbestrof my knowledge.
		I certify that the foregoing is the and correct to the	rbestrof my knowledge.
	nüncu below	I certify that the foregoing is the and correct to the	rbestrof my knowledge.
DERTIFIC	nunct telow signau TRANSPORTEF Name	I certify that the foregoing is the and correct to the	rbestrot my knowledge.
PART II.	TRANSPORTEF Name Address City/State	I certify that the foregoing is the and correct to the record Generator's Authorized Agent.	rbestrot my knowledge.
PART II.	Name Address City/State	I certify that the foregoing is the and correct to the re of Generator's Authorized Agent.	restrot my knowledge.
PARITII: CERTIFIC	Name Address City/State	Certify that the foregoing is the and correct to the re of Generator's Authorized Agent 3. (To be completed in full by T 3. (To be completed in full by T 3. (To be completed in full by T 4. (To be completed in full by T	rbestrot my knowledge.
PARITII: CERTIFIC	Name Address City/State	I certify that the foregoing is the and correct to the re of Generator's Authorized Agent.	restrot my knowledge.
PARITII: CERTIFIC	TRANSPORTER Name Address City/State ATION: Lecritivitation Sig DISPOSAL OR F	I certite that the foregoing is the and correct to the re of Generator Authorized Agent R: (To be completed in full by T 1 1 1 1 1 1 1 1 1 1 1 1 1	Ebestrof my knowledge Due and Time of Shipment Fransporter) Telephone No. Truck No. hipment to the destination below. Date and Time Received
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PARITII: CERTIFIC	TRANSPORTER Name Address City/State ATION: Certifyshart Sig DISPOSAL OR F Name Address <u>P.C</u>	I certife that the foregoing is the and correct to the re of Generator - Southorized Agent R: (To be completed in full by T 1 the waste in quantity above was received by me for s name of Transporter s Agent RECLAMATION SITE: rolled Recovery, Inc.	rbestor my knowledge Date and Time of Shipment Fransporter) Telephone No. Truck No. Truck No. Date and Time Received (575) 393-1079 Telephone No. WWW.Crihobbs.com
ÞART II: ERTIFIC ART III:	TRANSPORTEF Name Address City/State Address DISPOSAL OR F Name Address City/State DISPOSAL OR F Name Address City/State	I certife that the foregoing is the and correct to the re of Generator's Authorized Agent 3: (To be completed in full by T 3) the waste in quantity above was received by me for s nume of Transporter's Agent RECLAMATION SITE: rolled Recovery, Inc. 2) Box 388 tobbs, N.M. 88241-0388	bestor my knowledge Date and Trine of Shipmen Fransporter) Telephone No. Trick No. hipment to the destination below. Date and Time Received (575) 393-1079 Telephone No. Eterphone No. Email
	TRANSPORTER Name Address City/State City/State DISPOSAL OR R Name Address City/State DISPOSAL OR R Name Address City/State Lernity that t	Iterrite that the foregoing is the and correct to the re of Generator's Authorized Agent.	bestor my knowledge Date and Trine of Shipmen Fransporter) Telephone No. Trick No. hipment to the destination below. Date and Time Received (575) 393-1079 Telephone No. Eterphone No. Email

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	NON-HAZARDOUS WASTE MANIFEST
	nerator
	dress
City	y/State A Telephone No.
ORGINATION C	DF WASTE:
Operations Cent	iter Permit'No
Property Name	well, Timk Battery, Plant, Facility)
WASTE IDENTIF	ICATION AND AMOUNT (BARRELS, YARDS, TONS, CU.FT, LBS, UNITS, ETC.)
Drilling Fluids	Tank Bottoms Exempt/Fluids
Completion Fluids	
Contaminated Soil	Other Materials Pit No.
	DESCRIPTION/NOTES
2 <u></u>	
CERTIFICATION	N: The waste described above is not hazardous pursuant to 40 CER Part-26[] and was consigned to the transporter named below. Teernty that the foregoing is true and correct to the best of my knowledge.
CERTIFICATION	named below. I certify that the foregoing is frue and correctito the best of my knowledges
CERTIFICATION	named below. I certify that the foregoing is frue and correctly the best of my knowledges
	named below. I certify that the foregoing is frue and correctito the best of my knowledges
PABTII: TRA	named below. I certify that the foregoing is true and correct to the best of my knowledge Signature of Centerator's Authorized Agent ANSPORTER: (To be completed in full by Transporter)
PARTII: TRA Nan	named below. I certify that the foregoing is true and correct to the best of my knowledge Signature of Centerator's Authorized Agent Date and Time of Ship ANSPORTER: (To be completed in full by Transporter)
PABTII: TRA Nan Add	named below. Ecentry that the foregoing is frue and correct to the best of my knowledge Signature of Generator's Authorized Agent ANSPORTER: (To be completed in full by Transporter) me Iress
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PART II: TRA Nan Add City, CERTIFICATION PART III: DISI Nam Add	Instruct below. If certify that the foregoing is true and correct to the best of my knowledge Signature of Generator's Authorized Agent ANSPORTER: (To be completed in full by Transporter) me Itelephane No Anse Itelephane No Mission Itelephane No
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PART I:	Generat	tor							2
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	City/Stat							Telephone !	No.
ORGINAT	ION OF W	ASTE:			a.				
Operation	s Center		<u>Kasa A</u>	<u> 3128-67/2</u>		Pe	rmit No.		
Property N	lamo								
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WASTEIL	DENTIFICATI	ION AND AN	10UNT (BAF	RELS. YAR	DS. TONS.	<u>CU.FT., LI</u>	3S. UNI	TS: ETC.)	ng an the the test of
							na si		
Drilling Flu Completion				Bottoms			empt Flu	ids	
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			Concretator × Atim	onzeu Agema			<u>in Star</u> te Starting	Trace and 1	ime of Shipment
PART II:	TRANSE	PORTER:	(To be cor	nnleted in	full by Tr	ansporte	or)		
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	City/State	e <u>14/14/</u>	<u>16 + 5 - 4 1 - 1</u>				의 가슴 2011년 1월 1일	<u> 1094 –</u>	· · · · · · · · · · · · · · · · · · ·
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CERTIFIC	4 LIQIN∷	I certify that the y	waste in quantity a	bove was receiv	ed by me for shi	pment to the de	stination b	elow.	5. - 19. - 19.
		Signati	ire of Transporter	s Agent	-			<u>'''' Date and</u>	<u>2 /2/3 5 3</u> Time Received
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PART III:	DISPOS	AL OR RE	CLAMATI	ON SITE:		같은 바람이다. 같은 말 같은 말 같은 말	 J. J. Least Marking and C. Least State of the state of t		

NameControlled Recovery, Inc.AddressP.O.Box 388City/StateHobbs, N.M. 88241-0388

(575) 393-1079 Telephone No. WWW.Crihobbs.com

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

Signature of Facility Agent

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1CP -#7520-A

Date and Time Received.

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NON-HAZARDOUS WASTE MANIFEST

Permit No.

PARTI: Generator

Address ____ City/State ___

eng/etate_

ORGINATION OF WASTE

Operations Center

Property Name

Well, Tank Battery, Plant, Facility (

WASTE IDENTIFICATION AND AMOUNT IBARRELS. YARDS. TONS. CU.FT.: LBS., UNITS, ETC.

 Drilling Fluids
 Tank Bottoms
 Exempt Fluids

 Completion Fluids
 Gas Plant Waste
 C117 No.

 Contaminated Soil
 X
 Other Materials
 Pit No.

DESCRIPTION/NOTES

14200

CERTIFICATION: The waste described above is not hazardous pursuant to 40 CFR Part 261 and was consigned to the named below, 1 certify that the foregoing is true and correct to the best of my knowledge.

Signature of Concentrator's Author zelf-Agent

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

Name

Address

City/State

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

Signature of Transporters Agent

Date and Time Received

Date and Time of Shipment

PART III: DISPOSAL OR RECLAMATION SITE:

NameControlled Recovery, Inc.AddressP.O. Box 388City/StateHobbs, N.M. 88241-0388

(575) 393-1079 Telephone No.

www.crihobbs.com

gnature of Facility Agent

- Abite studylatine Received

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PART I: Generator

Address

City/State

ORGINATION OF WASTE:

Operations Center

Permit No.

lephone No.

Property Name

(Well, Tank Banery, Plant Facility)

WASTE IDENTIFICATION AND AMOUNT BARRELS. YARDS. TONS. CU.FT. LBS. UNITS. E	ETC.)	· .	
Drilling Fluids Exempt Fluids Exempt Fluids _		·	S.
Completion Eluids, Gas Plant Waste CM7 No			7
Contaminated Soil Other Materials Pit No			
DESCRIPTION / NOTES	inter Starting		
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CERTIFICATION: Fhe waste described above is not hizardous pursuant to 40 CFR Part 261 and was consigned to the transporter named below. I centify that the foregoing is true and correction the best of my knowledge.

Signature of Generator 4 Authorized Agent

Date and Time of Shipment

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

Name Address City/State

CERTIFICATION: 1 certify that the waste inquinity above was received by me for shipment to the destination below,

Signature of Fransporter's Agent Date and Time Received

PART III: DISPOSAL OR RECLAMATION SITE:

NameControlled Recovery, Inc.AddressP.O. Box 388City/StateHobbs, N.M. 88241-0388

(575) 393-1079 Telephone No

Truck No

www.crihobbs.com

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

Signature of Facility Agent

Dates and Time Received

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240



(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 PO: Trucking: ROGER TRUCKING Date/Time: 6/22/2010 3:08:19 PM Driver: ROJALIO Vehicle: R-10 3rd Party Ticket: NA Comments Type of Materials Product Quantity Description Area **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. C 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 Analyis Process Knowledge Other (Provide description above) Г Driver/Agent (signature) CRI Rep (signature)

Feet

Inches

Tank Bottoms

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

http://web1.crihobbs.com/pre/11/console/PrintTicket.aspx?

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240	CONTROLLED	RECOVERY, I Drder R9166		
Ticket: 71210				
BIII TO: EL PASO NATURAL GAS		Lease: MC	NUMENT	
Company/Generator: EL PASO NATUR	AL GAS PLANT	Well: PLA	NT	
Company Man: MIKE COOPER		Rig:		
Trucking: ROGER TRUCKING		PO:		
Date/Time: 6/22/2010 1:20:09 PM	•	Driver: RO	JALIO	
3rd Party Ticket: NA		Vehicle: R	10	
Comments				
Type of Materials				
Product Qu	lantity	Area	Description	
Contaminated Soil 20	Yards	50-51		
Generator Certification Statement of Wa	aste Status			
I hereby certify that according to the Resource or regulatory determination, the above described w		ery Act (RCRA) and the US Environmental Protection /	Agency's July 1988
RCRA Exempt: Oil field wastes generated	from oil and gas explorat	ion and produ	ction operations and are not mixed with	non-exempt waste.
I RCRA Non-Exempt: Oil field waste which characteristics established in RCRA regulations amended. The following documentation is attact	, 40 CFR 261.21-261.24,	or listed haza	ardous waste as defined in 40 CFR, part	261, subpart D, as
MSDS Information RCRA Ha	zardous Waste Analyis	Proce	ess Knowledge 🛛 🧮 Other (Provide de	escription above)
Driver/Agent (signature)			CRI Rep (si	ignature)
(Kapped marging			ar f	1

Feet Inches	3	
1st Gauge	BS & W/BBLS Received	BS & W 0 %
2nd Gauge	Free Water	
Received	Total Received	

Ticket: 71177

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240	CR
	CONTROLLED R

ECOVERY, INC NMOCD Order R9166

(575)393-1079 www.crihobbs.com

Bill To: EL PASO NATURAL GAS Lease: MONUMENT Company/Generator: EL PASO NATURAL GAS PLANT Well: PLANT Company Man: MIKE COOPER Rig: NA PO: Trucking: J & J Date/Time: 6/22/2010 11:28:30 AM Driver: JOSE Vehicle: 12 3rd Party Ticket: NA Comments Type of Materials Product Quantity Area Description Contaminated Soil 20 50-51 Yards Generator Certification Statement of Waste Status 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): Other (Provide description above) **MSDS** Information RCRA Hazardous Waste Analyis Process Knowledge

Driver/Agent (signature)

CRI Rep (signature)

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

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240		RECOVERY, INC Order R9166	(575)393-1079 www.crihobbs.com
Ticket: 71212			
BIII To: EL PASO NATURAL GAS	······	Lease: MONI	JMENT
Company/Generator: EL PASO NATL	JRAL 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		<u>, , , , , , , , , , , , , , , , , </u>	الــــــــــــــــــــــــــــــــــــ
Type of Materials			
Product	Quantity	Area	Description
Contaminated Soil	20 Yards	50-51	
Generator Certification Statement of V	Vaste Status		
I hereby certify that according to the Resourc regulatory determination, the above describe		very Act (RCRA) a	nd the US Environmental Protection Agency's July 1988
RCRA Exempt: Oil field wastes generate	ed from oil and gas explora	ation and production	n operations and are not mixed with non-exempt waste.
RCRA Non-Exempt: Oil field waste whic characteristics established in RCRA regulatic amended. The following documentation is att	ch is non-hazardous that do ons, 40 CFR 261,21-261,24	oes not exceed the 4. or listed hazardo	minimum standards for waste hazardous by us waste as defined in 40 CFR, part 261, subpart D, as raste is non-hazardous. (Check the appropriate items):
Driver/Agent (signature)		· <u></u> ·	CRI Rep (signature)
Jose III			H

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

Ticket: 71232

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240



(575)393-1079 www.crihobbs.com

Product	Quantity		Area	Description
Contaminated Soil	20	Yards	50-51	
Concretes Cortification Stat	mont of Macto Sta	4.10		

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 Analyis 📃 Process Knowledge 📑 Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

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

JUN/24/2010/THU 05:58 AM D&D CONSTRUCTION

FAX No. 15754330178

Ticket: 71355

Ticket: 71355

; '

4507 W. Carlsbad Hwy Hobbs, New Mexico 68240



(575)393-1079 www.crihobbs.com

Bill To: EL PASO NATURAL GAS Company/Generator: EL PASO NATURAL GAS PLANT Company Man: MIKE COOPER Frucking: D & D			Lease: MONUMENT Well: PLANT Rig: NA								
							PO:				
							Date/Time: 6/23/2010 12:01:29 PM			Driver: JULIAN	
			Brd Party Ticket: NA			Vehicle:	500				
Comments											
Type of Materials			· · ·								
Product	Quantity	¥	Area	Description							
Contaminated Soil	20	Yards	50-51	· .							
Senerator Certification State	ement of Waste S	Status									
hereby certify that according to t egulatory determination, the abo			very Act (RCF	(A) and the US Environmental Protection Agency's July 1988							
RCRA Exempt: Oil field was	tes generated from c	li and gas exploi	ration and proc	luction operations and are not mixed with non-exempt waste.							
				d the minimum standards for waste hazardous by							

characterisks established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous weete 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):

Driver/Agent (signature)

K

CRI Rep (signature)

Tank Bottoms

÷

Feet Inches

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

6/23/2010

4507 W. Carlsbad Hwy

Hobbs, New Mexico 88240

FAX No. 15754333178

C. .

Ticket: 71209

ONTROUT FO RE NMOCD Order R9166

(575)393-1079 www.crihobbs.com

Ticket: 71209 BIII TO: EL PASO NATURAL GAS Lease: EL PASO Company/Generator: EL PASO NATURAL GAS PLANT Well: PIPLINE 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 Soll	20 Yan	is 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 281.21.261.24, or listed hazardous waste as defined in 40 CFR, part 281, subpart D, as amended. The following documentation is ettached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): MSDS Information RCRA Hazardous Waste Analyis Process Knowledge Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Feet

	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

F. 004 Page 1 of 1

Ticket: 71229

and the second secon					
计分词输出 网络小鼠科 网络科学家科学家					
CONTROLLED RECOVERY INC.					
CONTROLLED RECOVERY INC.					
NMOCD Order R9166					

(575)393-1079 www.crihobbs.com

Ticket: 71229	
BIII 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

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-Exampt: 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 Analyis
 Process Knowledge
 Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

	Feet	inches	·	
1st Gauge			BS & W/BBLS Received	B\$&W0%
2nd Gauge			Free Water	
Received			Total Received	

J&J TRUCKING

Ticket: 71370

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240



(575)393-1079 www.crihobbs.com

 Ticket: 71370

 Bill To: EL PASO NATURAL GAS

 Company/Generator: EL PASO NATURAL GAS PLANT

 Company Man: MIKE COOPER

 Rig:

 Trucking: J & J

 Date/Time: 6/23/2010 12:45:31 PM

 Srd Party Ticket: NA

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: Oll field wastes generated from oil and gas exploration and production operations and ere 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 Analyis Process Knowledge Other (Provide description above)

Driver/Agent (signature)

CRI Rep (signature)

Tank Bottoms

4

	Feet	Inches		
1st Gauge			BS & W/BBLS Received	BS&W0%
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	Weil: 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:

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): RCRA Hazardous Waste Analyis Other (Provide description above) Process Knowledge

MSDS Information

Driver/Agent (signature)

CRI Rep (signature)

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

Ticket: 71342

4507 W. Carlsbad Hwy Hobbs, New Mexico 88240



(575)393-1079 www.crihobbs.com

 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

Product	Quantit	y.	Area	Description
Contaminated Soil	20	Yards	50-51	

Generator Certification Statement of Waste Status

Foot

Inches

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):

Driver/Agent (signature)

CRI Rep (signature)

BS & W/BBLS Received	BS & W 0 %
Free Water	
Total Received	
	Free Water

4507 W. Carlsbad	Hwy
Hobbs, New Mexico	88240



(575)393-1079 www.crihobbs.com

CRI Rep (signature)

Ticket: 71327		
BIII 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	М	ate	ria	s

Type of materiale				
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): Other (Provide description above)

MSDS Information RCRA Hazardous Waste Analyis Process Knowledge

Driver/Agent (signature)

	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: 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

Type of Materials					
Product	Quantit	<u>y</u> .	Area	Description	
Contaminated Soil	20	Yards	50-51		

Generator Certification Statement of Waste Status

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: Oll 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 Analyis 👘 Process Knowledge 💭 Other (Provide description above)

Driver/Agent (signature)

Tank Bottoms

CRI Rep (signature)

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

CRI Rep (signature)

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	Quantit	У.	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:

KCRA 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): Process Knowledge Other (Provide description above)

MSDS Information RCRA Hazardous Waste Analyis

Driver/Agent (signature)

	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

CRI Rep (signature)

Ticket: 71338					
Bill To: EL PASO NATURAL	GAS		Lease: M	ONUMENT	
Company/Generator: EL PA	SO NATURAL G	AS PLANT	Well: PLA	NT	
Company Man: MARK COO	PER		Rig: NA		
Trucking: D & D			PO:		
Date/Time: 6/23/2010 10:33	36 AM		Driver: Jl	JLIAN	
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

Foot

Inchos

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 Analyis 🗍 Process Knowledge 🧾 Other (Provide description above)

Driver/Agent (signature)

	i eet munes		
1st Gauge		BS & W/BBLS Received	BS & W 0 %
2nd Gauge		Free Water	
Received		Total Received	

Chavez, Carl J, EMNRD

From: Sent: To: Cc: Subject: Chavez, Carl J, EMNRD Wednesday, May 05, 2010 8:33 AM 'Thompson, Glen D' Lowe, Leonard, EMNRD 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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>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.

Thạnks Aaron

Aaron M. Hale, P.G. Location Manager 8004 W. Highway 80 Midland, Texas 79706 ol 432.563.1100 cl 432.853.8681 f | 432.561.5034 KLEINFELDER Bright People. Right Solutions.



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2

Chavez, Carl J, EMNRD

From:Thompson, Glen D [Glen.Thompson@ElPaso.com]Sent:Monday, May 03, 2010 10:40 AMTo:Chavez, Carl J, EMNRDSubject:FW: Monument StationAttachments:FIG 1 SITE DETAILS MAP.pdf; Monument Station Soil Data Tables.xls; Summary_Report5.pdf; ATT1148520.txt

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

2

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

1

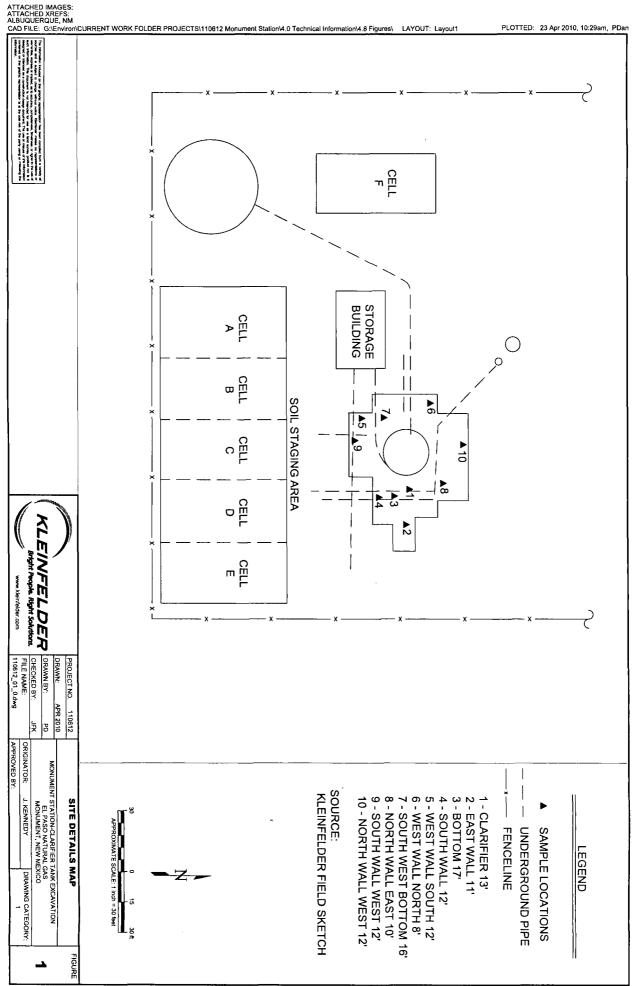




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Summary Report

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

Report Date: April 21, 2010

Work Order: 10041527

Project Location:Monument, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

]	BTEX		TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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

Report Date: April 21, 2010		Work Order: 10041527	Pag	e Number: 2 of 2			
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			

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TraceAnalysis, Inc. • 6701 Aberdeen Ave., Suite 9 • Lubbock, TX 79424-1515 • (806) 794-1296 This is only a summary. Please, refer to the complete report package for quality control data.

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TABLE I

SUMMARY OF SOIL ANALYTICAL DATA - BTEX/TPH/Chlorides

EL PASO NATURAL GAS MONUMENT STATION LEA COUNTY, NEW MEXICO

		 		· · · .*	ETHYL-		TOTAL		TPH (80)15 Modifie	ed)	
SAMPLE	DATE	DEPTH	BENZENE		BENZENE	XYLENES	BTEX	TPH DRO	TPH GRO	TPH ORO	TPH (GRO/DRO)	CHLORIDES
ID		(feet)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	New	Mexico (Dil Conserva 10	ation Divisio		ended Rem	nediation A 50.0	ction Levels	s (Total Rar	king Scor	e >19) 100	250
			mg/Kg				mg/Kg			i saint sa	mg/Kg	mg/Kg
					Initial Site	e Assessme	nt 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
		J Isterik († 172	1		Excavation	n Confirmati	on Samples	1 }				
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
		1			Soil Stockp	le Staging /	Area Sampl	es				
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 NMOCD RRALS.

Chavez, Carl J, EMNRD

From: Sent: To: Subject: Thompson, Glen D [Glen.Thompson@ElPaso.com] Friday, April 09, 2010 11:11 AM Chavez, Carl J, EMNRD 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 throughtout this assessment.

Glen Thompson

Principal Environmental Representative

El Paso Natural Gas

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Chavez, Carl J, EMNRD

From: Sent: To: Subject: Chavez, Carl J, EMNRD Wednesday, March 31, 2010 3:48 PM 'Thompson, Glen D' 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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>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.

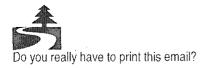
In addition, two samples were collected by El Paso Natural Gas in 2007 during the removal of a former tank in this area. The former tank was removed and this clarifier tank was put in its place. Two soil samples were collected at that time. One sample had a Total TPH concentration that exceeded the site 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 KLE/NFELDER Bright People. Right Solutions.



Think environment!

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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
Audenments.	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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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.

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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



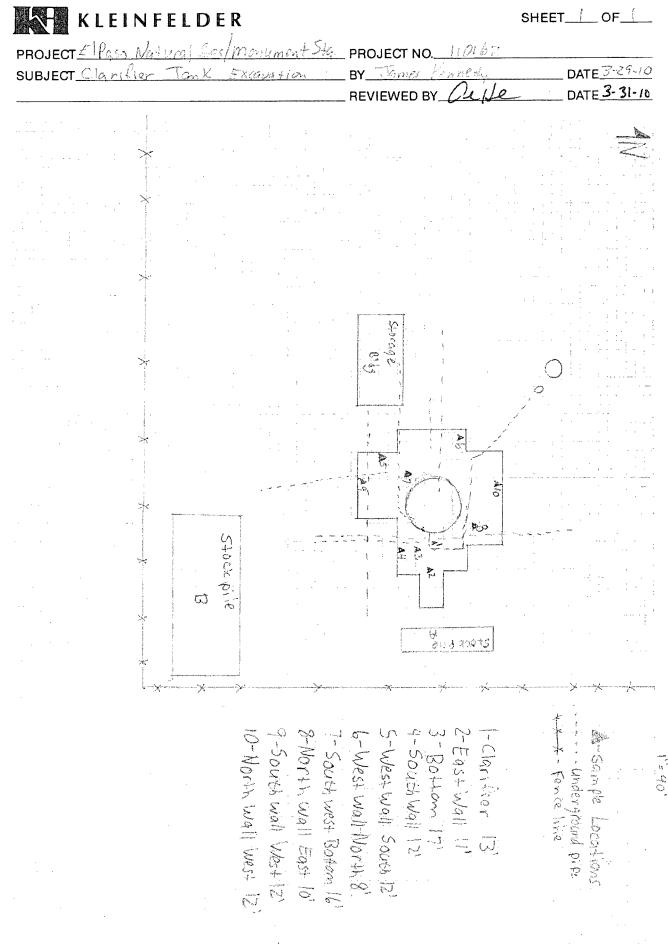


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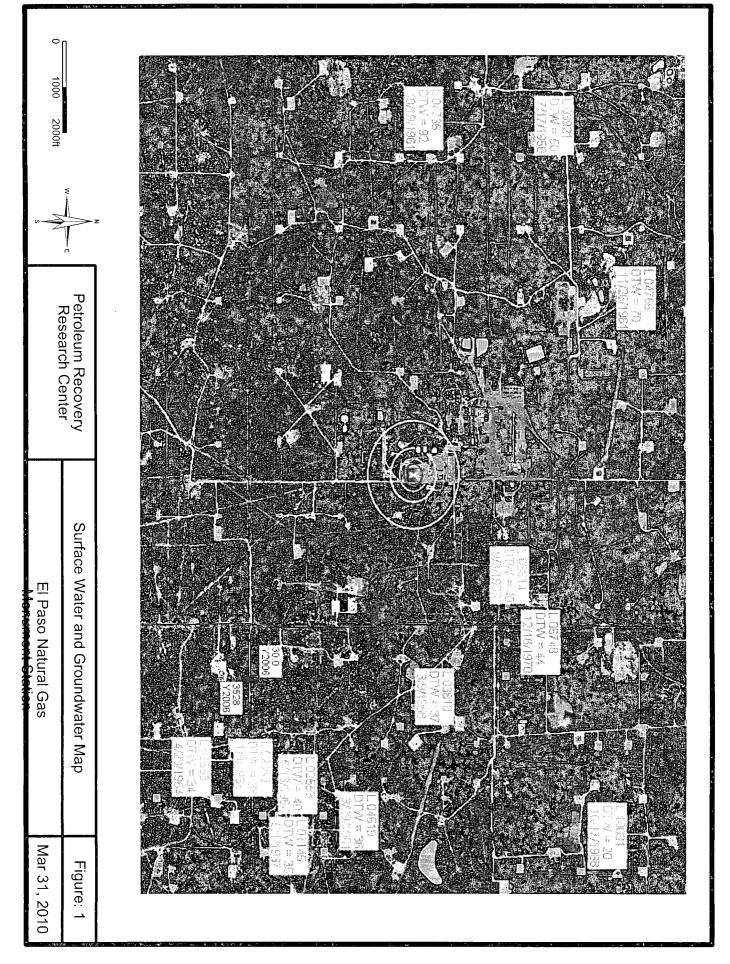


TABLE I

SUMMARY OF SOIL ANALYTICAL DATA - BTEX/TPH/Chlorides

EL PASO NATURAL GAS MONUMENT STATION LEA COUNTY, NEW MEXICO

				ETHYL-	TOTAL		TPH (8015 Modified)					
SAMPLE	DATE		PTH BENZENE TOLUENE		E BENZENE	XYLÉNES	втех	TPH DRO	TPH GRO	TPH ORO	TPH (GRO/DRO)	CHLORIDES
ID		(feet)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)
	New	Mexico (Dil Conservi 10 mg/Kg	ation Divisio 			50.0 mg/Kg	ction Level	s (Total Rar	nking Score	>19) 100 mg/Kg	250 mg/Kg
	data ya sa				Initial Site	Assessme	nt Samples				e ann an thaile	
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	n Confirmati	on Samples		t la classic			
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:

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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 NMOCD RRALS.

Highlighted Concentrations above NWOCD

Summary Report

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

Report Date: March 30, 2010

Work Order: 10032906

Project Location:Monument, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	. BTEX			TPH DRO - NEW	TPH GRO	
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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'

Report Date: Mar	ch 30, 2010	Work Order: 1003290	6	Page Number: 2 of 2
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

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX				TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	m mg/Kg	1.00

Sample: 226755 - Bottom 17'

Param	Flag	Result	Units	RL
Chloride		18.8	m 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, NMProject Name:Monument StationProject Number:110162

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX				TPH DRO - NEW	TPH GRO
	Benzene Toluene Ethylbenzene Xylene				DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	m mg/Kg	1.00



LABORATORY SERVICE REPORT

REQUESTOR:	Morrow, Kenny	REPORT DATE:	1/11/2008
	Hobbs, NM	REQUEST NO:	2007121820
	(505) 492-2380	APPROVED BY:	Campbell, Darrell
		PENDING REQ. ID:	2007121820
DEPARTMENT:	Midland Division		
DISTRIBUTION:	Haveman, Billy; Howell, Timothy G; Thompson,	Glen; Uribe, Osias; Whitney, Mark P	
PERFORMED BY:	Transwest Geochem		
Request Description:	Soil samples @ Monument Station. (Classifier Ta	ank)	
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 - Cla	assifier - 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 - Cla	ussifier - Soil at base of	classifier tank	

Data: See attached sheet(s).

Comments:

Sample:	1	<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
8021B Analysis		
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: 20071218	320		
Sample:		1	2
<u>Total Organic Halog</u> Total Organic Haloge		< 5.0	< 5.0

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Summary Report

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

Report Date: March 25, 2010

Work Order: 10031108

Project Location:Monument, NMProject Name:Monument Station

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	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

	BTEX				TPH DRO - NEW	TPH GRO
	Benzene	Toluene	Ethylbenzene	Xylene	DRO	GRO
Sample - Field Code	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(mg/Kg)	(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	m mg/Kg	0.00167
Aroclor 1221 (PCB-1221)		< 0.00334	mg/Kg	0.00167
Aroclor 1232 (PCB-1232)		< 0.00334	m mg/Kg	0.00167
Aroclor 1242 (PCB- 1242)		< 0.00334	m mg/Kg	0.00167
Aroclor 1248 (PCB-1248)		< 0.00334	m mg/Kg	0.00167
Aroclor 1254 (PCB- 1254)		0.0252	m 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

Report Date: March 25, 2010

Work Order: 10031108

Page Number: 2 of 2 $\,$

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: Sent: To: Subject: Attachments: Thompson, Glen D [Glen.Thompson@ElPaso.com] Wednesday, March 17, 2010 4:29 PM Chavez, Carl J, EMNRD RE: El Paso (GW-008) NM Tech GIS & Note to File 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: <u>http://ford.nmt.edu/</u> (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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

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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	3		
Facility Name Monument Compressor Station	Facility Type Compressor Static	m		

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					Lea	
			East						

NATHER OF DELEASE

Latitude_____Longitude____

		OF RELEASE	
Type of Release	Pin hole leak - no visible release	Volume of Release	Volume Recovered
	Valve leak - oily water	Pin hole leak – no visible release	Pin hole leak - no visible release
		Valve leak – approx. 4 gallons	Valve leak - approx. 4-gallons recovered
Source of Release	Discovered pin hole leak during 5-year line testing	Date and Hour of Occurrence	Date and Hour of Discovery Pinbole
		Unknown	leak and valve leak on 03/03/2010 at 1:00
			p.m. Central Standard Time
Was Immediate Notice Given?		If YES, To Whom?	
Courtesy notifie	ation 🛛 Yes 🔲 No 🖾 Not Required	Carl Chavez	
By Whom? Glen	Thompson	Date and Hour 03/04/2010 11:46	a.m. Central Standard Time
Was a Watercourse Reached?		If YES, Volume Impacting the Wa	tercourse.
	🗌 Yes 🖾 No	Not applicable	
IF a Waturmaneso a	ine Innucted Describe Fully *		

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 begin 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 bos 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 continued "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. 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 escavation of the area underneath the valve box. EPNG's consultant will provide PID screening as a tool to uid 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 only 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.

1 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: Res Montecorr	OIL CONSERVATION DIVISION			
Printed Name: Glen Thompson	Approved by District Supervisor:			
Title: Division Environmental Representative	Approval Date:	Expiration D	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

From: Sent: To: Subject: Chavez, Carl J, EMNRD Wednesday, March 17, 2010 3:24 PM 'Thompson, Glen D' 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: <u>http://ford.nmt.edu/</u> (go to Pit Rules Mapping Portal)

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

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

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

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From: Sent: To: Subject: Chavez, Carl J, EMNRD Tuesday, March 09, 2010 1:06 PM 'Thompson, Glen D' 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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>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 <u>http://ocdimage.emnrd.state.nm.us/imaging/AEOrderFileView.aspx?appNo=pENV000GW00008</u>. 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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications")

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From: Sent: To: Cc: Subject:	Thompson, Glen D [Glen.Thompson@ElPaso.com] Monday, March 08, 2010 7:23 PM Chavez, Carl J, EMNRD Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD 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

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

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State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised October 10, 2003

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 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) 686-32	268	
Facility Name Monument Compressor Station	Facility Type Compressor Sta	ition	
			······································

Surface Owner	Min and Own	
+ Surface Owner	Mineral Owner	Lease No.
L		Louise tree.

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					Lea
			East					

Latitude______Longitude_____

NATURE	OF RELEASE	
Type of Release Pin hole leak – no vísible release Valve leak - oily water	Volume of Release Pin hole leak – no visible release	Volume Recovered Pin hole leak - no visible release
*	Valve leak – approx. 4 gallons	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 🛛 🛛 Yes 🗌 No 🖾 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?	If YES, Volume Impacting the Wa Not applicable	rercourse,

If a Watercourse was Impacted, Describe Fully.*

Watercourse was not impacted.

Describe Cause of Problem and Remedial Action Taken.*

El Paso Natural Gus Company (EPNG) was conducting pressure testing of the below-grade drain lines af 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 exeavating the below-grade line to determine if there was a leak. On March 3, 2010 at approximately 1 p.m. Central Standard Time, a pinnole 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 nor part of the below-grade lines being tested.

EPNG connected 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 previde 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.

houps Signature:

OIL CONSERVATION DIVISION

Approved by District Supervisor:

Printed Name: Glea Thompson

	Title: Division Environmental Representative		Approval Date:	Expiration D	Date:
	E-mail Address: glen.thompson@elpaso.com		Conditions of Approval:		Attached
	Date: March 8, 2010	Phone: (432) 686-3208			
ر *	Attach Additional Sheets If Neces	water and the second		erty ; = 1) ;	

From:	Thompson, Glen D [Glen.Thompson@ElPaso.com]
Sent:	Thursday, March 04, 2010 4:44 PM
To: Cc: Subject:	Chavez, Carl J, EMNRD Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRD 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: <u>Carl J. Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>index.htm (Pollution Prevention Guidance is under "Publications") Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

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From:Chavez, Carl J, EMNRDSent:Thursday, March 04, 2010 3:34 PMTo:'glen.thompson@elpaso.com'Cc:Johnson, Larry, EMNRD; Leking, Geoffrey R, EMNRDSubject: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: <u>CarlJ.Chavez@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>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
То:	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,

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

Please let me know if you have any questions.

Thank you,

Marco Wikstrom

Warning: Information provided via electronic media is not guaranteed against defects including translation and transmission errors.

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.

This inbound email has been scanned by the MessageLabs Email Security System.

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 12009

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.

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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

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Beginning with the issue dated June 4, 2009

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ADVERTISING MANAGER Sworn and subscribed to before

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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.

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 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 reia de Nusue Méxica, les minerales y el departemente de les result

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.

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and in Samp

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

THAN SOM

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

Notary Public

My commission expires February 09, 2013 (Seal)



This newspaper is duly qualified to publish legal notices or advertisments 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 TATE 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) (220 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 arrenewal application for, the pre-viously approved, discharge plan for, their ... (GW-015). Linam Ranch Gas Plant, lo cated 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. Ap-proximately 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 36-162. 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/L¹ (GW-016). Eunice Gas Plant, located in the SE/4, SE/4 of section 5, Township 21 South, Range 36 East, INMPM Lea County. The facility processes inatural gas to re-move condensate and sulfur. Approximately 2500 bbls of slop oil. 2500 bbls of pro-duced water and 80 bbls of lube oil are generated and stored in onsite. Groundwa ter 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 approxi-mately 480 mg/L. (GW-396) Mr (Randy Crawford, 7, Crawford Lane, Jal N.M., has submitted a new lap-plication, for a fdischarge plan permit for their Oil and Gas Service. Company at 7. plication 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, IRange 37. East, NMPM, Lea County, The facility is/an oilfield trucking company, that provides the healing for produced water for the oil and natural gas industry. Approximately 25: 35 gallons/day of IKCL are mixed, 500 gallons of paraffin, 110 of motor oil and 1200 bbls of oil field water are generated and stored in onsite. Groundwater most likely to be affected by a spill leak or accidental discharge (is atta depth, of approxi-mately 72: 80 leet, 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 mq/L. (GW-008) EI Paso Natural Gas company, 3300 North A Street, Building 2, Suite 200 Midland Texas 79705 has submitted a renewal application for the previously ap-proved discharge planifor 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 af-fected 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/C All fluids, are not to be intentionally discharged to the ground. JII accidental dissolved solids concentration of approximately 707, 4230 mg/L All fluids, are not to be intentionally discharged to the ground. JII accidental discharge occurs immediate recovery/reclamation shall be implemented. [Fluids, other than clean water including dry chemicals, shall be properly maintained and manifested.]A copy of the discharge permit once renewed shall be on location at all times and made familiar totall facility/personal The NMOCD has determined that the application is administratively complete and has pre-pared a draft permit. The NMOCD will accept comments and statements of interest re-garding this application and will create a facility specific mailing list for persons who wish to receive future, notices (Rersons) interested in obtaining further information (submitting comments or requesting to be on a facility specific mailing list for persons who wish to receive future, notices (Rersons) interested in obtaining further information (submitting comments or requesting to be on a facility specific mailing list for users who wish to receive future, notices (Rersons) interested in obtaining further information (submitting comments or requesting to be on a facility specific mailing list for persons who wish above. The administrative completeness determination and draft permit may be viewed at the above address between 8:00 alm and 4:00 prim. Monday through Endaylor may also be viewed, at the NMOCD, we site http://www.emmid.state.mm.stood/. Rersons interested in obtaining a coby of the application and draft permit may contact the NMOCD at the address given above. Phore to fulling on any proposed discharge permit or major modification in bianning a coby of the application and draft permit way contact the NMOCD at the address given above. Phore to fulling on any proposed discharge permit or major modification in bianning a coby of the application and braft permit way contact the NMOCD at the address given above. Phore to f Inisinotice, during which interested persons imay submit comments or request that 01 INMOCD 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.
 Info 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 disapprove the proposed permit based on information, available, including all comments received. If a public hearing is A heid, the director will approve or disapprove the proposed permit based on information, available, including all comments received. If a public hearing is A heid, the director will approve or disapprove the proposed permit based on information available, including all comments received. If a public hearing is A heid, the director will approve or disapprove the proposed permit based on information in the permit application and information, sobre esta solicitud en españal, sinder comments received. If a public comments are commission in the permit application and information sobre esta solicitud en españal. Sinder comments (Depto (Del Energy, Minerals and Natural Resources Department (Depto (Del Energia, Minerals y Recursos Naturales de Nuevo Mexico). Oil Conservation Division (Depto Conservation in Del Petroleo), 1220 (South St Francis Drive, Santa Fe, New Mexico (Con-

Given under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico (Con-tacto 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

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NM OIL CONSERVATION LEONARD LOWE 1220 S. SAINT FRANCIS SANTA FE , NM 87505			Cust #: Ad #: Phone: Date: Ad taker: S	06/09/2009	
Sort Line: #25016		Classification	673		
Description	Start	Stop	Ins.	Cost/Day	Total
)7 07 Daily News-Sun AFFI Affidavit for legals BOLD bold	06/10/2009	06/10/2009	1	177.51	177.51 3.00 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

KECEN

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

2009 JUN 12 AF

 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.

LEGĂL ADVERTISEMENT REPRESENTATIVE

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

edeman Commission Expires:



SantaFeNewMexican.com

202 East Marcy Street, Santa Fe, NM 87501-2021 • 505-983-3303 • fax: 505-984-1785 • P.O. Box 2048, Santa Fe, NM 87504-2

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

NOTICE OF

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Control Commission Company at CK 5/59 # Regulations 20, Farmington NM, , (20.62/3106) NMAC), located in unit letter the following dis M. of Section 20, charge permit appli Township 29 North , cation(s) has been Range 12 West, submitted to the Di NMPM, San Juan rector. of the, New Mexico Oil Conservation Division ("NMOCD"), 1220 S Saint Francis Drive, Santa Fe, New Mexico 87505, Telephone (505):476-3440

Environmental for Environmental Specialist, DCP Mid-stream, 370 17th Street, Suite 2500, Denver Colorado, lor 80202 has submitted a renewal application

County, ine racity processes natural gas to remove conden-sate and sulfur. Ap-proximately 550 bbls of waste water, 2000 bbls, of produced wa-ter, and 1750 gallons of sulfuric acid are groundwater. generated and stored in onsite. Groundwa-ter most likely to be affected by a spill, leak or accidental discharge is at a depth discharge occurs im-of approximately 36, mediate 62 feet, with a total dissolved solids con-shall be implemented. centration 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 facil-ity processes natural gas to remove conthe discharge permit densate and sulfur-Approximately 2500 bbls of slop oll, 2500 bbls of produced wa-ter, 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 approxi-mately 72 - 88 feet, with a total dissolved solids concentration of approximately 480 garding this applica-mg/L. tion and will create a

feet, with a total dis-solved solids concentration of approxi-mately 707 - 4230 mg/L.

(GW-348) Mr. Anthony Wiggins, President, Chaco Chemical Com-pany 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 # County. The facility stores chemical for down-hole assistant for the oil and natural gas Industry. Ap-proximately 1000 gal-lons of Catalyzed Hy-drazine, 1000 gallons of corrosion inhibitor, Ms. Diane Kocis; Sen: 1000 gallons of Paraffin solvents and 15 gallons of a combined waste stream of used oil and antifreeze are generated and stored in onsite. Groundwa-ter most likely to be renewal application ter most likely to be for the previously ap-proved discharge leak or accidental dis-plan for their: [GW-015] Linam feet, with a total dis-charge is at a depth of approximately 15 feet, with a total dis-solved solids concen-cated in the NE/4 of Section 5, Township mately. 1040 mg/L. 19 South, Range 37 East, NMPM, Lea County. The facility processes natural gas Compliance Order Compliance Order (NM-OCD 2009-01) to bring them into com-pliance under the Wa-ter Quality Control Commission (WQCC) for the protection of All fluids are not to be

intentionally discharged to the ground. If accidental 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

once renewed shall be on location at all times and made fa-miliar to all facility personal. The NMOCD has determined that the application is adminiscomplete tratively and has prepared a draft permit. The NMOCD will accept comments and state-ments of interest re-

facility-specific mail: 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, MMPM, Eddy County. The facility is an oil-field trucking company that provides the hauling of pro-duced water for the oil and natural gas industry. A Approxi-mately 25 - 35 gal-lons/day of KCL are-mixed, 500 gallons of paraffin, 110 of motor oil and 1200 bbls of oil field waste are gener-ated and stored in on-Groundwater site. site. Groundwater most likely to be af-fected by a spill, leak or accidental dis-charge is at a depth of approximately 90 of approximately 90 -110 feet, with a total dissolved solids con-centration of approxi-mately 420 mg/L. (GW-396) 7 Crawford Lane, Jal N.M., located in the Soction 31 in the Section 31, Township 24 South, Range 37 East, NMPM, Lea County. The facil-ity is an oilfield trucking company that provides the hauling of produced water for the oil and natural gas industry. Apgas industry. Ap-proximately 25 - 35 gallons/day of KCL are mixed, 500 gallons of paraffin, 110 of mo-tor oil and 1200 bbls of oil field waste are of oil field waste are generated and stored in onsite. Groundwa-ter most likely to be affected by a spill, leak or accidental dis-charge is at a depth. of approximately 72 -80 feet, with a total dissolved solids con-centration 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 Monu-Compressor ment located in Station, 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 af-fected by a spill, leak Drive, Santa Fe, New or accidental dis-charge is at a depth Dorothy of approximately 40 505-476-3461)

ing list for persons who wish to receive future notices. Persons interested in obtaining further information, submitting comments or request. mation. ing to be on a facility-specific mail-ing list for future notices may contact the Environmental Bureau Chief of the Oil Conservation Division at the address given above. The adminis trative completeness and determination draft permit may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Fil-day, or may also be viewed at the NMOCD site web http://www.emnrd.st ate.nm.us/ocd/. Per-sons 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 modi-fication, 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 disap-prove the proposed permit based on information available, including all com-ments received. If a public hearing is held, the director will ap-prove 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 espan_ol, sirvase comunicarse por favor: New Mex-ico Energy, Minerals and Natural Reanu vatural Re-sources Department (Depto, Del Energia, Minerals y Recursos Naturales de Núevo México), Oil Conser-vation División vation Conservà-(Depto. cio'n Del Petróleo, (Contacto: Phillips,

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

STATE OF 610.22 NEW MEXICO OIL CONSERVATION DIVISION

SEAL 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 \underline{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.

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 facilidadespecífica 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.

and the second second

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: <u>leonard.lowe@state.nm.us</u> 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: <u>leonard.lowe@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>

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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