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June 6, 2012
File No.: 121960.1-ALB12LT001
Reference: 121960.1-ALB12RP001

Mr. Leonard Lowe
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

GW-008
4

Subject: Results of Sampling and Excavation of Impacted Soil Monument Station Monument, New Mexico

Dear Mr. Lowe:

Kleinfelder West, Inc. (Kleinfelder) is pleased to present the attached summary of soil sampling and excavation activities performed at the former El Paso Natural Gas (now owned by Kinder Morgan (KM)) Monument Station located near Monument, New Mexico (Site). Kleinfelder performed sampling and excavation of hydrocarbon-impacted soils associated with a lube oil line at the Site. Three locations were found to be impacted with lube oil. Kleinfelder was successful in remediating one of these areas. However, the complete removal of impacted soils in two other areas could not be accomplished due to the presence of live subsurface utilities.

Kleinfelder performed drilling in each area that could not be completely excavated to assess the depth of hydrocarbon concentrations. This report also provides recommendations for the installation of a cap over each area. Should you have any questions, we would be pleased to discuss them with you.

Respectfully submitted,

KLEINFELDER WEST, INC.,

Bernard Bockisch, PMP
Senior Project Manager

Reviewed by:

Eileen Shannon, P.G.
Project Professional

cc: Glen Thompson, Kinder Morgan

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May 25, 2012
File No.: 121960.1-ALB12RP001

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

Subject: Results of Sampling and Excavation of Impacted Soil
Monument Station
Monument, New Mexico GW-008,4

Dear Mr. Thompson:

Kleinfelder West, Inc. (Kleinfelder) is pleased to present this summary of soil sampling and excavation activities performed at the El Paso Natural Gas (EPNG) Monument Station (hereafter referred to as "Site") located near Monument, New Mexico (see Figure 1, Site Location Map). Soil sampling was performed at various locations adjacent to exposed underground piping. The purpose of the sampling was to perform an initial assessment of soil concentrations and evaluate if additional soil excavation would be required.

PROJECT BACKGROUND

During site operations, a small surface stain was observed behind the Auxiliary Building at the Monument Compressor Station (see Area 1 on Figure 2, Site Plan) in early 2011. The stained area was excavated and a pin-hole leak was observed in a portion of the 2-inch, gravity-fed, lube oil line that runs from the lube oil tank to the Auxiliary Building. The leak was repaired and the lube oil line was replaced during a shutdown of the compressor station that occurred in April 2011.

During the uncovering of the lube oil line, a leak was noted near one of the lube oil line bends (See Area 2 on Figure 2). In addition, the lube oil line was inadvertently cracked during the replacement of a valve box (See Area 3 of Figure 2). Free oil was removed and impacted soil was excavated and placed within a bermed area lined with plastic. Since the line is known to contain lube oil, the contaminant of concern (COC) is total petroleum hydrocarbons (TPH).

As part of the initial assessment, Kleinfelder personnel performed soil sampling in each exposed area in April 2011. Soil that appeared to be impacted by petroleum hydrocarbons (as indicated by field screening and laboratory analysis) were excavated to the depth limit of the equipment used. Excavation was also limited laterally due to the presence of buried live utilities.

REGULATORY FRAMEWORK AND SITE CLASSIFICATION

The 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

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associated depth to water was presented on a previously submitted report (Soil Remediation Report, Monument Station Clarifier Tank Release Site, Lea County, New Mexico Dated July 15, 2010). 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 Site 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
TPH (ppm)	100	1,000	5,000

Based on the Site characteristics and associated NMOCD-ranking criteria, the TPH remediation level that applies at the Site is 100 ppm. Analytical results for soil data are reported in milligrams per kilograms (mg/Kg) which are equivalent to the ppm reporting units.

Initial Soil Sampling Activities

Soil samples were collected from each of the three areas noted on Figure 2. Kleinfelder collected samples from each wall (when possible) and from two different depths at the bottom of each excavated area. Soil samples were collected using a hand auger at various depths in the vicinity of the piping. During sampling, new disposable latex gloves were used to collect the samples, and the hand auger was decontaminated between boreholes. Soil samples were submitted to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico and analyzed for TPH concentrations by EPA Method 8015 modified for diesel range organics (DRO) and motor oil range organics (MRO, See Appendix A). Each container was labeled, placed on ice in an insulated cooler, and chilled to a temperature of approximately 40°F (4°C). The coolers were hand delivered to the laboratory.

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Concentrations of TPH above regulatory levels were observed in Area 1 to a depth of at least 5.3 feet (ft) in the bottom of the excavation. Concentrations of TPH above regulatory levels were observed in Area 2 to a depth of at least 6 ft in the bottom of the excavation. Concentrations of TPH above regulatory levels were observed in Area 3 to a depth of at least 6.8 ft in the bottom of the excavation. As a result, EPNG initiated excavation activities to delineate and remove impacted soils.

Soil Excavation

Hand excavation of the impacted soils was performed in October 2011. Hand excavation was performed due to the number of buried pipes and utilities that were located in the area. Benching of the sidewalls was performed as an excavation exceeded 4 ft in depth. Once the utilities in Areas 2 and 3 were defined, a small track excavator was brought in to speed the excavation of the soils. Soils were excavated to the depth limit of the track excavator which was approximately 10.5 ft in these areas. However, the excavator was able to ramp down the southern half of Area 2 and further remove soil to a depth of 12 ft bgs (see below).

Excavated soil was field-screened using the PetroFlag Hydrocarbon Analyzer (PetroFlag). The PetroFlag uses extractant chemistry and a colorimetric analyzer to provide a numeric estimate of the concentration of organics present in the sample. Although the PetroFlag is most sensitive to heavier hydrocarbons such as oils, its estimates were observed to be typically higher than laboratory analyses. This may be caused by the PetroFlag extracting all organics (including those naturally occurring in the soil) within the soil sample. As a result, the PetroFlag generally provided a conservative estimate of petroleum hydrocarbons in the soil.

Area 1 Soil Excavation

Area 1 was located adjacent to the auxiliary compressor building (See Figure 2). Soil in the vicinity of Area 1 was excavated to a depth of approximately 10 ft bgs (see Figure 3 Soil Results – Area 1). Field screening was used to guide the removal of petroleum hydrocarbon impacted soils from the excavation. However, excavation of impacted soil was performed in stages as laboratory data was obtained. These analyses are reflected in the laboratory data provided in Appendix A.

Final soil samples were collected for confirmation purposes (see Figure 3). Final samples were collected from the bottom, north, south, and west sidewalls of the excavation. Additional excavation could not be performed to the east due to the presence of the compressor station foundation. The final soil samples were sent to Xenco Laboratories in Houston Texas for analysis of TPH DRO/oil range organics (ORO) by EPA Method 8015M.

Sample Location	Sample Date	Sample Identification	Depth (Ft Bgs)	TPH Concentration (Mg/Kg)
Bottom	10/19/11	A1-11-10'	10	< 4.95
North Wall	10/19/11	A1-7-6'	6	< 60
South Wall	10/19/11	A1-8-5'	5	64 (Screening Result)
West Wall	10/19/11	A1-9-5'	5	46 (Screening Result

Data from the laboratory analytical and soil screening results indicates that the petroleum hydrocarbon impacted soils were removed.

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Area 2 Soil Excavation

Area 2 was located adjacent to the east of the auxiliary compressor building (See Figure 2). Soil in the vicinity of Area 2 was excavated to a depth of approximately 12 ft bgs (see Figure 4, Soil Results – Area 2). The majority of the soils were excavated by hand. However, once the utilities in the area were defined, a small track excavator was brought in to speed the excavation of the soils. Soils were excavated to the depth limit of the track excavator which was approximately 10.5 ft. However, the excavator was able to ramp down the southern half of the excavation and further remove soil to a depth of 12 ft bgs at the northern end of the excavation. Excavation was limited to the east by the presence of the compressor building intake vents and to the west by an active 8-inch diameter water pipeline and live electrical cable (see Figure 4).

Field screening was used to guide the removal of petroleum hydrocarbon impacted soils from the excavation. Laboratory confirmation samples were also collected as the excavation was expanded. These analyses are reflected in the laboratory data provided in Appendix A.

Final soil samples were collected for confirmation purposes (see Figure 4). Final samples were collected from the bottom, north, and south sidewalls of the excavation. Hand auger borings were advanced in the bottom of the excavation at several points to assess the depth of petroleum hydrocarbons (sample numbers: A2-9-6', A2-14-18', A2-15-12', and A2-13-11') during final sample collection. The samples collected from these borings indicated that petroleum hydrocarbon concentrations exceeded regulatory limits as deep as 18 ft bgs. The final soil samples were sent to Xenco Laboratories in Houston Texas for analysis of TPH DRO/ORO by EPA Method 8015M.

Sample Location	Sample Date	Sample Identification	Depth (Ft Bgs)	TPH Concentration (Mg/Kg)
North Wall	10/20/11	A2-9-6'	6	3.4
North Bottom	10/20/11	A2-10-10'	10	3150
North Bottom	10/20/11	A2-14-18'	18	3440
Center Bottom	10/20/11	A2-12-12'	12	2990
Center Bottom	10/20/11	A2-15-12'	12	3030
South Bottom	10/20/11	A2-16-7'	7	70.8
South Bottom	10/20/11	A2-13-11'	11	3360
South Wall	10/20/11	A2-11-4'	4	17.1

Data from the laboratory analytical and soil screening results indicates that petroleum hydrocarbon impacted soils to the north and south were removed. Soils were removed to the depth practicable and backfilled with clean soil. The backfill was placed to a depth that was slightly above grade (approximately one foot) and sloped away from the center of the excavation. This was done to increase drainage of rainwater away from the impacted area.

Area 3 Soil Excavation

Area 3 was located at the northeast corner of compressor building, immediately adjacent to an overhead pipe rack (See Figure 2). Soil in the vicinity of Area 3 was excavated to a depth of

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approximately 10.5 ft bgs (see Figure 5 Soil Results – Area 3). The majority of the soils were excavated by hand. However, once the utilities in the area were defined, a small track excavator was brought in to speed the excavation of the soils. Soils were excavated to the depth limit of the track excavator which was approximately 10.5 ft. Excavation was limited to the east by the presence of sewer and water lines and to the north by pipe rack support foundations.

Field screening was used to guide the removal of petroleum hydrocarbon impacted soils from the excavation. Laboratory confirmation samples were also collected as the excavation was expanded. These analyses are reflected in the laboratory data provided in Appendix A.

Final soil samples were collected for confirmation purposes (see Figure 5). Final samples were collected from the bottom, south, and west sidewalls of the excavation. The final soil samples were sent to Xenco Laboratories in Houston Texas for analysis of TPH DRO/ORO by EPA Method 8015M.

Sample Location	Sample Date	Sample Identification	Depth (Ft Bgs)	TPH Concentration (Mg/Kg)
North Bottom	10/18/11	A3-9-9.5'	9.5	2258 (Screening Result)
West Bottom	10/18/11	A3-7-9'	9	2860
East Wall	10/18/11	A3-15-10'	10	<4.95
Southeast Bottom	10/18/11	A3-13-10.6'	10.6	127.2
Southeast Bottom	10/18/11	A3-12-10'	10	2122
South Bottom	10/18/11	A3-14-7'	7	<4.97
South Wall	10/18/11	A3-16-10'	10	<4.97

Data from the laboratory analytical and soil screening results indicates that the extent of the petroleum hydrocarbon impacted soils to the north were removed. Soils were removed to the depth practicable and backfilled with clean soil. The backfill was placed to a depth that was slightly above grade (approximately one foot) and sloped away from the center of the excavation. This was done to increase drainage of rainwater away from the impacted area.

A total of approximately 208 cubic yards of soil was excavated and disposed of at the Allied Waste Landfill in Canyon, Texas. See Appendix B for Soil Disposal Manifests.

Confirmation Borings

Two soil borings were advanced at the Site (one each in Area 2 and Area 3) to assess the vertical profile of TPH concentrations (see Figure 2, Site Plan). A Kleinfelder field engineer observed the advancement of the soil borings at the site. Drilling services were provided by EnviroDrill, Inc. of Albuquerque, New Mexico. Soil borings were drilled using a CME-75 hollow stem auger (HSA) drill rig and 8-inch outside diameter augers. The soil boring in Area 2 was advanced to a depth of 30 ft bgs and the soil boring in Area 3 was advanced to a depth of 40 ft bgs. Cuttings and samples were logged according to the Unified Soil Classification System. Soil samples were sent under chain of custody documentation to Xenco Laboratories in Houston, Texas for analysis of TPH DRO/ORO by EPA Method 8015D.

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The fill used in the excavations consisted of light tan, sandy, lean clay that was fine to medium grained and moist. Native soils at the site consisted predominately of fine grained, dry, light tan sandy silt from the bottom of each excavation to the total depth of the borings. See Appendix C for the soil boring logs.

The following table presents the results of the soil analytical data:

Sample Location	Depth (Ft BGS)	TPH (Mg/Kg)
B-1 (Area 2)	20	1,348
	30	8.21
	35	1,308
	40	<3.34
B-2 (Area 3)	20	<3.32
	30	<3.32

Groundwater was observed in Boring B-1 at a depth of approximately 40 ft bgs. Groundwater was not observed in Boring B-2. See Appendix A for the laboratory analytical report and Appendix C for boring logs.

CONCLUSIONS AND RECOMMENDATIONS

The data from the field assessments indicated the following:

- Lab and field screening data indicates that petroleum hydrocarbon soil was excavated to below regulatory limits in Area 1.
- Lab and field screening data indicate that petroleum hydrocarbons above regulatory levels remain in Areas 2 and 3. However, it is unsafe to excavate the remaining impacted soil in these areas due to the presence of several live water, sewer, and electrical lines as well as foundations for in-service equipment.
- Soil samples collected from the boring advanced in Area 2 indicates that the release appears to not have exceeded a depth of approximately 20 ft bgs. Elevated concentrations of TPH were observed at a depth of approximately 35 ft bgs, but were not observed at 40 ft bgs (approximately the depth of the groundwater table). The soil sample collected at a depth of 40 ft bgs (and at the groundwater table) did not indicate an impact to the ground water.
- Soil samples collected from the boring advanced in Area 3 indicates that the release appears to not have exceeded a depth of approximately 20 ft bgs.

Based on the results of the excavation and boring data, Kleinfelder recommends the following:

- No further action be performed in Area 1.
- Although residual TPH concentrations are present in Areas 2 and 3, further active remediation of this area is impractical due to:
    - The presence of utilities and equipment in the area and the depth of the residual concentrations makes it unsafe to continue excavation of impacted soil; and
    - The low volatility of the COC (lube oil) makes it difficult to remediate using conventional techniques such as soil vapor extraction.

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Due to this, it is Kleinfelder's opinion that the safest and most effective means of minimizing the potential impact to groundwater should be the installation of a cap over Areas 2 and 3. Installation of a cap over each area would minimize water infiltration into the subsurface. Kleinfelder recommends that the cap consist of a 40 mil polyethylene liner to be placed above each of areas 2 and 3 (see Figure 6, Proposed Cap Location Map).

Areas 2 and 3 are located within active areas of the compressor station, and as a result, should not be vegetated. The liner should be placed at a depth of one ft bgs (see Figure 7, Proposed Cap Construction Cross Section) to minimize the build-up of surface water above the liner. Approximately 6 inches of sand should be placed over the liner to protect it from protrusions. An additional 6 inches of gravel or caliche should be placed over the sand to minimize the potential to damage the liner.

LIMITATIONS

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. It should be recognized that definition and evaluation of geologic and environmental conditions are a difficult and inexact science. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. Although risk can never be eliminated, more detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service that provide adequate information for their purposes at acceptable levels of risk. More extensive studies, including subsurface studies or field tests, should be performed to reduce uncertainties. Acceptance of this report will indicate that EPNG has reviewed the document and determined that it does not need or want a greater level of service than provided.

Kleinfelder assumes no responsibility or liability whatsoever for any claim, loss of property value, damage, or injury that results from pre-existing hazardous materials being encountered or present on the project site, or from the discovery of such hazardous materials. Nothing contained in this report should be construed or interpreted as requiring Kleinfelder to assume the status of an owner, operator, or generator, or person who arranges for disposal, transport, storage, or treatment of hazardous materials within the meaning of any governmental statute, regulation, or order. EPNG is solely responsible for directing notification of all governmental agencies, and the public at large, of the existence, release, treatment, or disposal of any hazardous materials observed at the project site, either before or during performance of Kleinfelder's services. EPNG is responsible for directing all arrangements to lawfully store, treat, recycle, dispose, or otherwise handle hazardous materials, including cuttings and samples resulting from Kleinfelder's services.

Thank you for the opportunity to provide these services to you. Should you have any questions, we would be pleased to discuss them with you.

Respectfully submitted,

KLEINFELDER WEST, INC.

Reviewed by:

Bernard Bockisch, PMP
Senior Project Manager

Eileen Shannon, PG
Project Professional

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Attachments:

Figures:

- Figure 1 – Site Location Map
- Figure 2 – Site Map
- Figure 3 – Soil Results – Area 1
- Figure 4 – Soil Results – Area 2
- Figure 5 – Soil Results – Area 3
- Figure 6 – Proposed Cap Location Map
- Figure 7 – Proposed Cap Construction Cross Section

Appendix A – Analytical Reports

Appendix B – Soil Disposal Manifests

Appendix C – Boring Logs

cc: Glen Thompson, El Paso Corporation West

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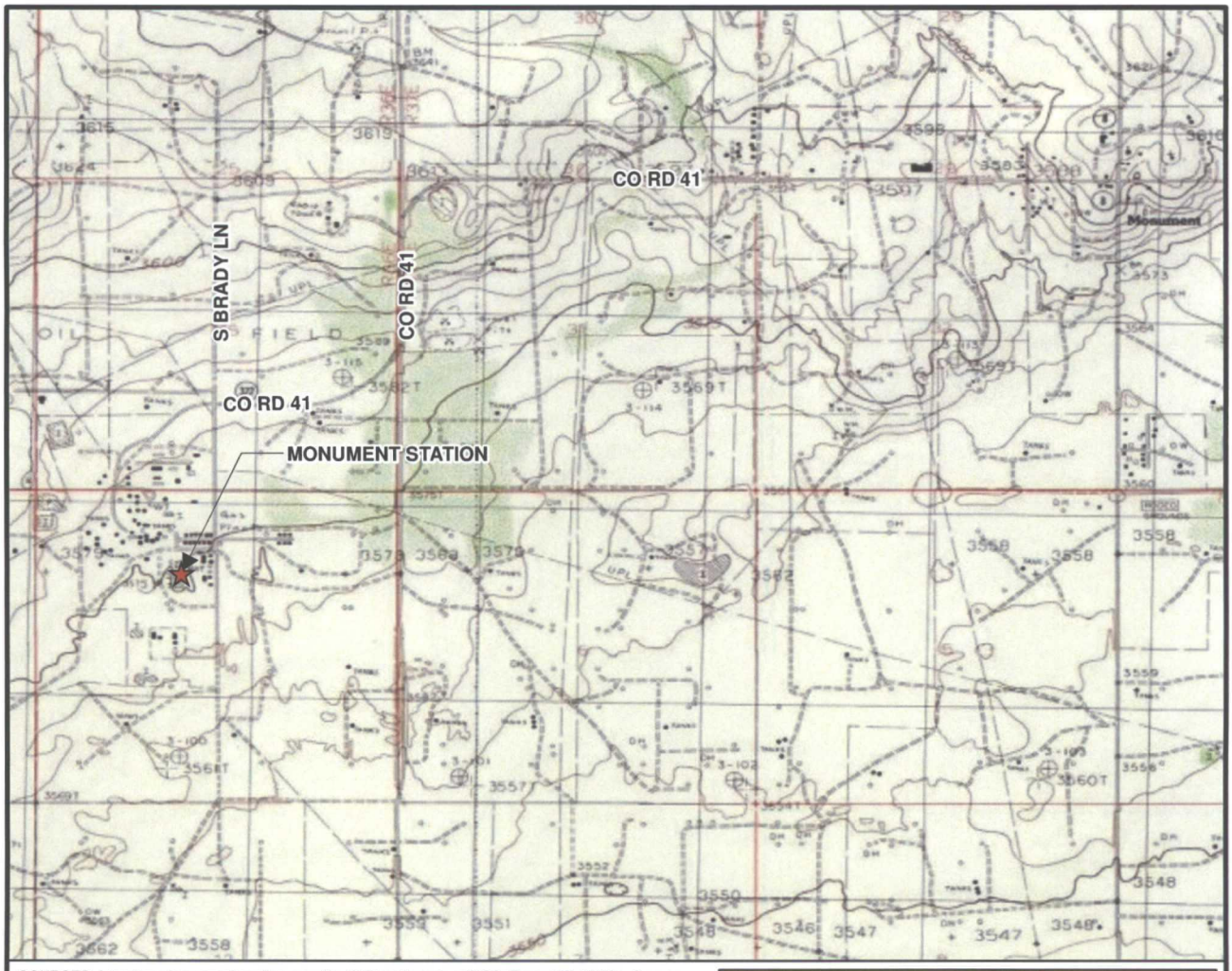
FIGURES



SOURCES: http://services.arcgisonline.com/ArcGIS/rest/services/NGS_Topo_US_2D/MapServer

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Feet

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SITE LOCATION MAP

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

FIGURE

1

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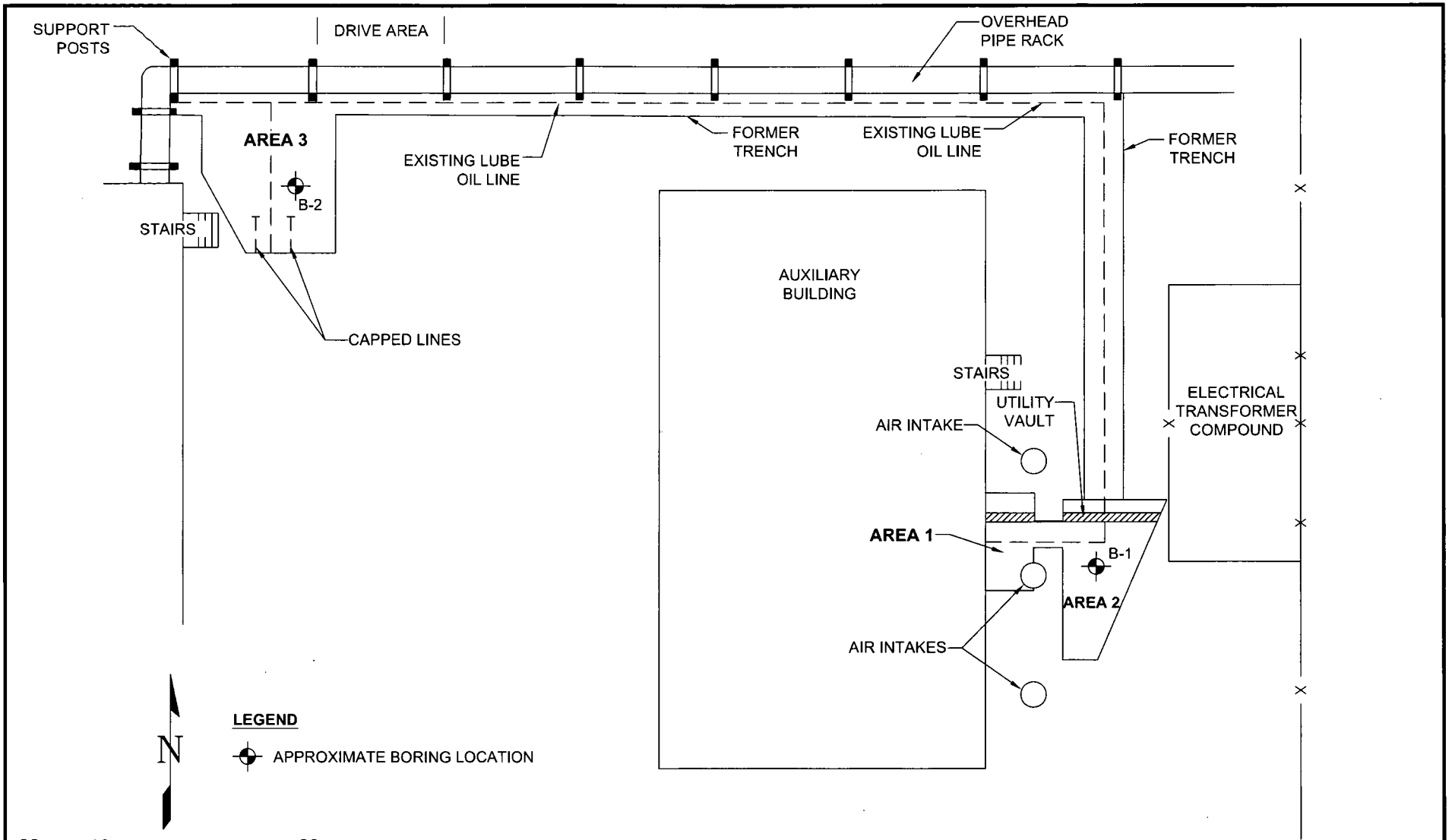

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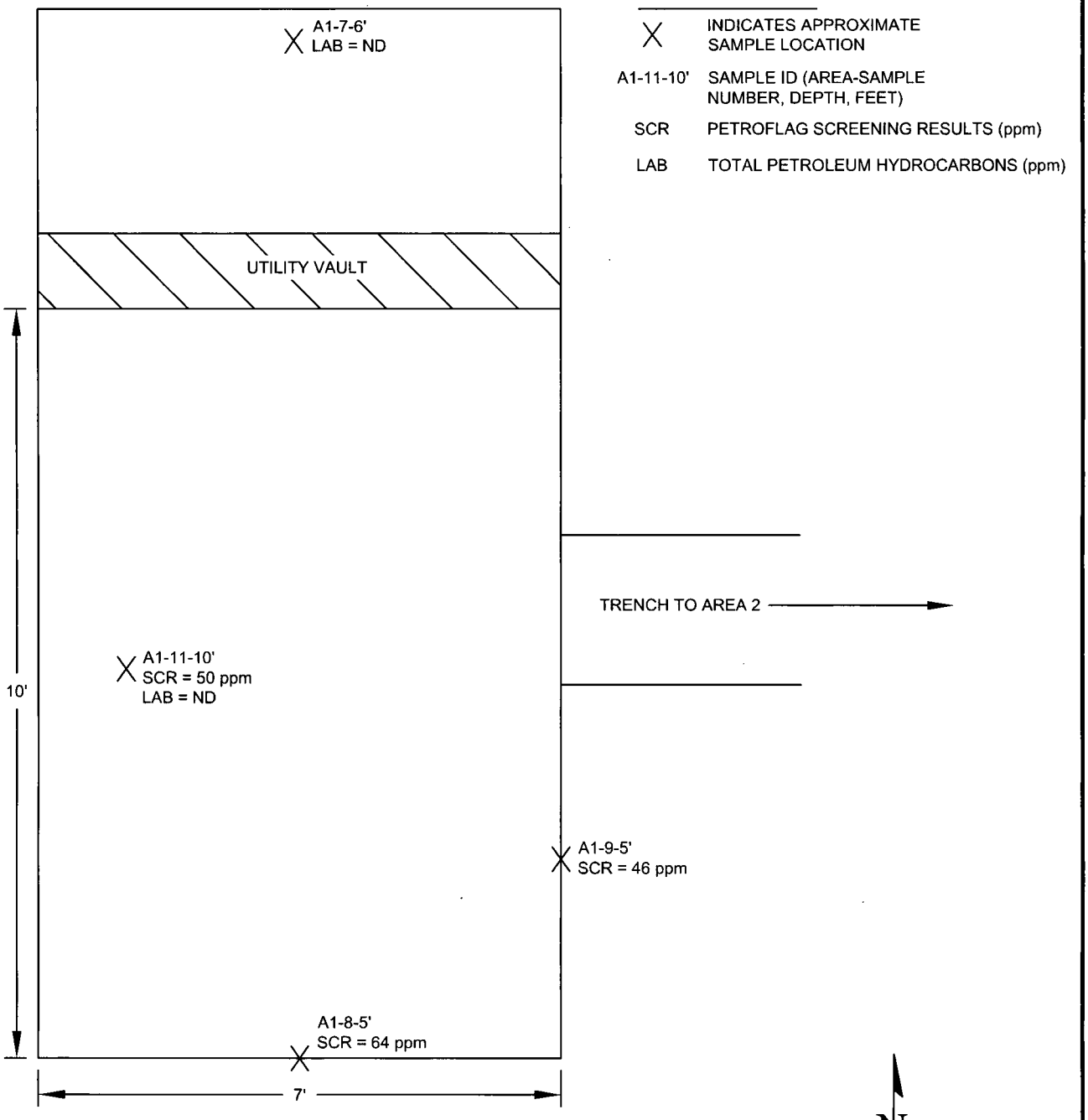
SITE PLAN

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 2

FIGURE **2**



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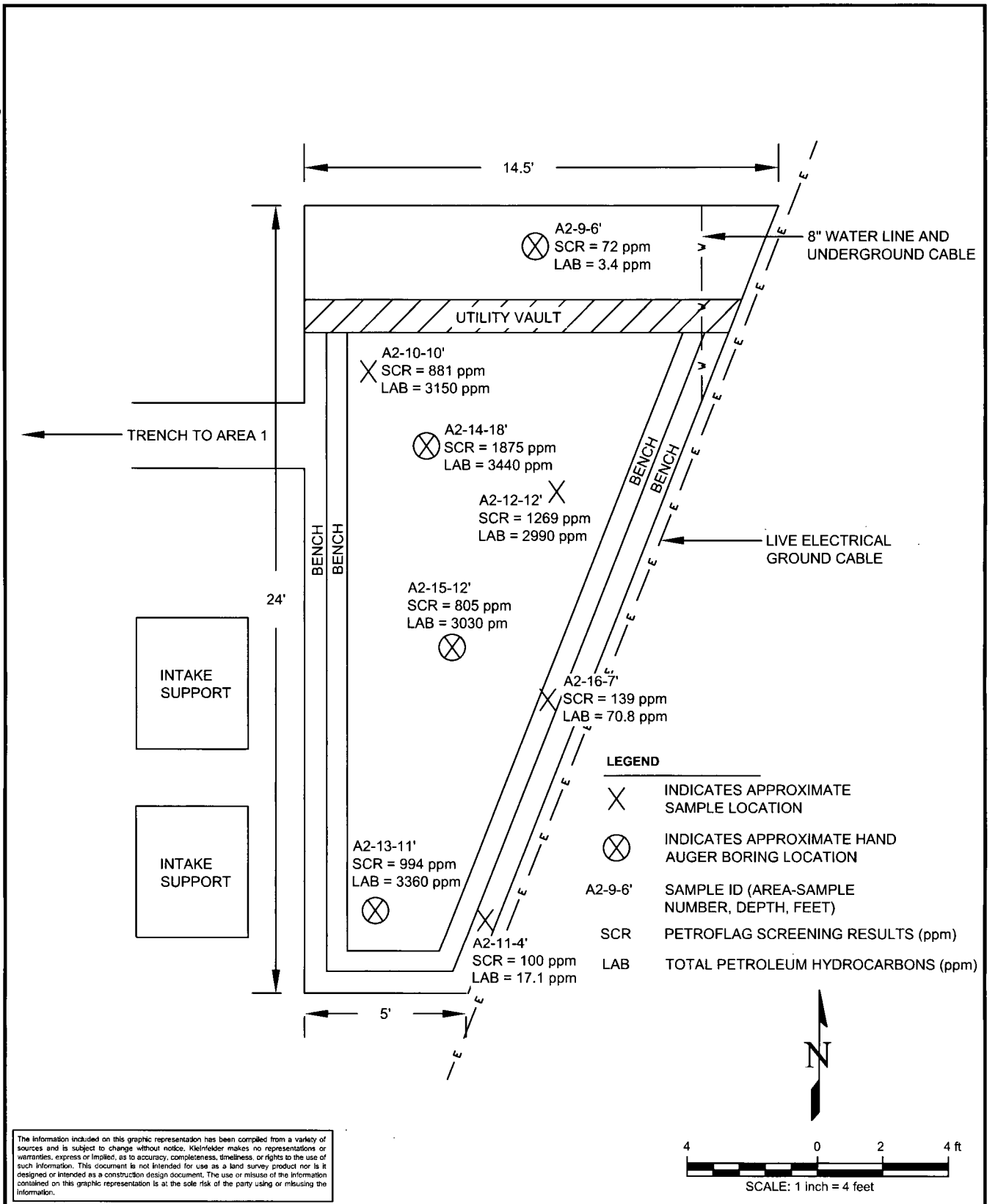
SOIL RESULTS - AREA 1

EL PASO NATURAL GAS
MONUMENT STATION
NEAR MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE
3



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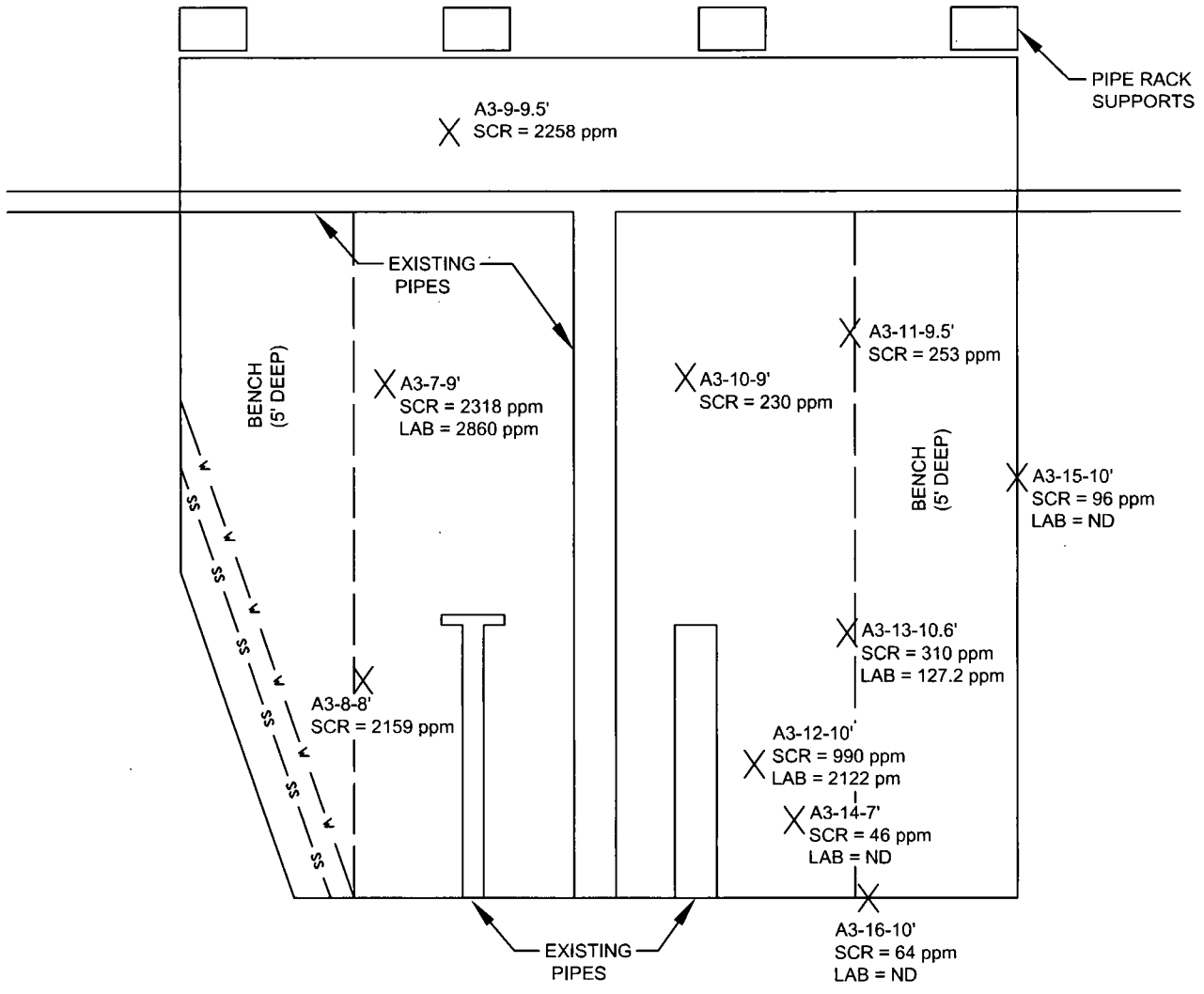
SOIL RESULTS - AREA 2

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE
4



LEGEND

X	INDICATES APPROXIMATE SAMPLE LOCATION
A3-7-9'	SAMPLE ID (AREA-SAMPLE NUMBER, DEPTH, FEET)
SCR	PETROFLAG SCREENING RESULTS (ppm)
LAB	TOTAL PETROLEUM HYDROCARBONS (ppm)
— w —	WATER LINE
— ss —	SEWER LINE

N

4 0 2 4 ft

SCALE: 1 inch = 4 feet

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SOIL RESULTS - AREA 3

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE **5**

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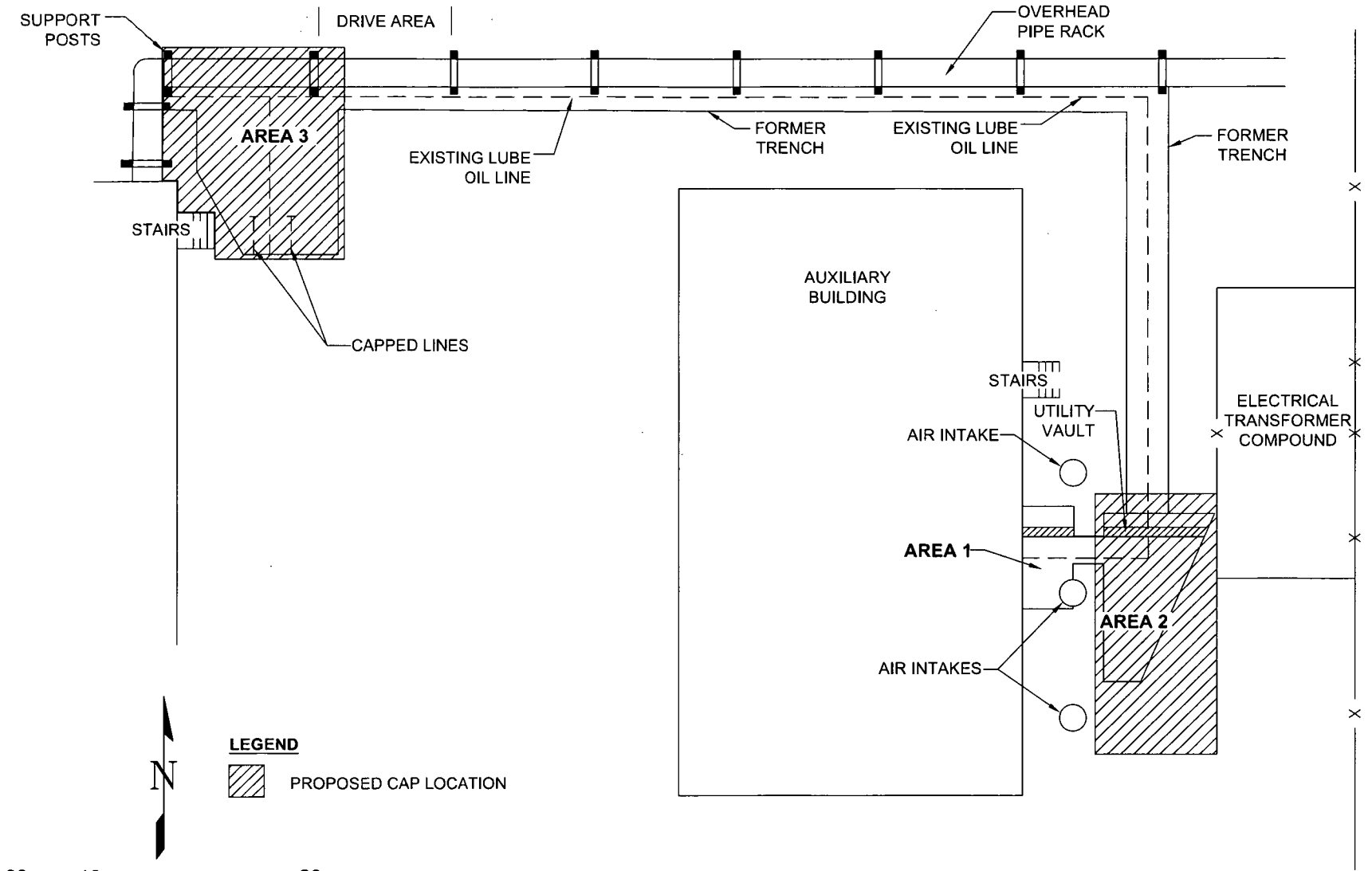

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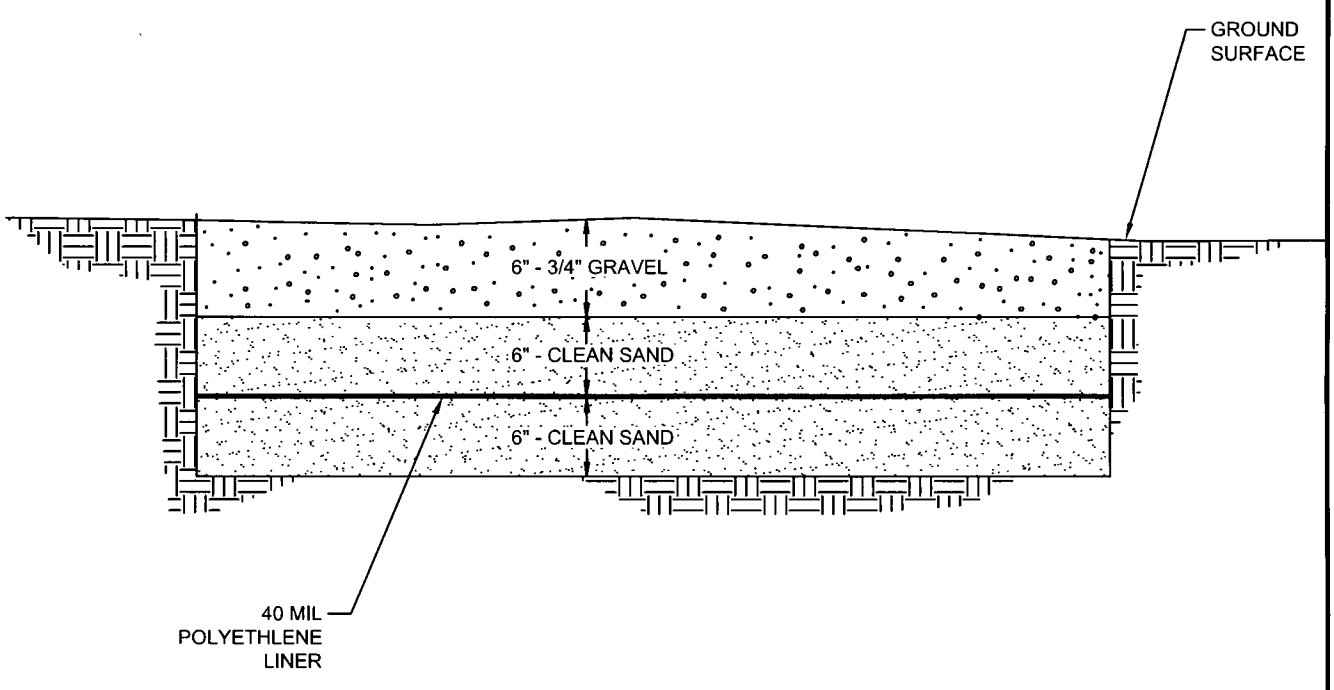
PROPOSED CAP LOCATION MAP

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 2

FIGURE **6**



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PROPOSED CAP CONSTRUCTION CROSS SECTION

EL PASO NATURAL GAS
MONUMENT STATION
MONUMENT, NEW MEXICO

ORIGINATOR: B. BOCKISCH
APPROVED BY:
DRAWING CATEGORY: 1

FIGURE
7

APPENDIX A

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, May 06, 2011

Bernie Bockisch
Kleinfelder
9019 Washington NE Building A
Albuquerque, NM 87113

TEL: (505) 344-7373
FAX (505) 344-1711

RE: El Paso Monument

Order No.: 1104A46

Dear Bernie Bockisch:

Hall Environmental Analysis Laboratory, Inc. received 9 sample(s) on 4/29/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc. **Date:** *06-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A46

CASE NARRATIVE

"S" flags denote that the surrogate was not recoverable due to sample dilution or matrix interferences.

Hall Environmental Analysis Laboratory, Inc.

Date: *06-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A46

Lab ID: 1104A46-01 **Collection Date:** 4/26/2011 12:05:00 PM
Client Sample ID: Drums-1 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	720	500		mg/Kg	50	5/4/2011 1:57:24 PM
Motor Oil Range Organics (MRO)	16000	2500		mg/Kg	50	5/4/2011 1:57:24 PM
Surr: DNOP	0	81.8-129	S	%REC	50	5/4/2011 1:57:24 PM

Lab ID: 1104A46-02 **Collection Date:** 4/26/2011 12:10:00 PM
Client Sample ID: Drums-2 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	960	500		mg/Kg	50	5/4/2011 9:26:00 PM
Motor Oil Range Organics (MRO)	24000	2500		mg/Kg	50	5/4/2011 9:26:00 PM
Surr: DNOP	0	81.8-129	S	%REC	50	5/4/2011 9:26:00 PM

Lab ID: 1104A46-03 **Collection Date:** 4/26/2011 12:15:00 PM
Client Sample ID: Drums-3 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1700	500		mg/Kg	50	5/4/2011 10:00:08 PM
Motor Oil Range Organics (MRO)	40000	2500		mg/Kg	50	5/4/2011 10:00:08 PM
Surr: DNOP	0	81.8-129	S	%REC	50	5/4/2011 10:00:08 PM

Lab ID: 1104A46-04 **Collection Date:** 4/26/2011 12:20:00 PM
Client Sample ID: Drums-4 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1400	500		mg/Kg	50	5/4/2011 10:34:14 PM
Motor Oil Range Organics (MRO)	32000	2500		mg/Kg	50	5/4/2011 10:34:14 PM
Surr: DNOP	0	81.8-129	S	%REC	50	5/4/2011 10:34:14 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A46

Lab ID: 1104A46-05 **Collection Date:** 4/26/2011 12:25:00 PM
Client Sample ID: Drums-5 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	2500	2000		mg/Kg	200	5/5/2011 11:14:19 AM
Motor Oil Range Organics (MRO)	55000	10000		mg/Kg	200	5/5/2011 11:14:19 AM
Surr: DNOP	0	81.8-129	S	%REC	200	5/5/2011 11:14:19 AM

Lab ID: 1104A46-06 **Collection Date:** 4/26/2011 12:30:00 PM
Client Sample ID: SP-1-1 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1500	1000		mg/Kg	100	5/5/2011 12:16:33 AM
Motor Oil Range Organics (MRO)	29000	5000		mg/Kg	100	5/5/2011 12:16:33 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/5/2011 12:16:33 AM

Lab ID: 1104A46-07 **Collection Date:** 4/26/2011 12:32:00 PM
Client Sample ID: SP-1-2 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	3100	2000		mg/Kg	200	5/5/2011 11:49:23 AM
Motor Oil Range Organics (MRO)	61000	10000		mg/Kg	200	5/5/2011 11:49:23 AM
Surr: DNOP	0	81.8-129	S	%REC	200	5/5/2011 11:49:23 AM

Lab ID: 1104A46-08 **Collection Date:** 4/26/2011 12:40:00 PM
Client Sample ID: SP-2-1 **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	2300	1000		mg/Kg	100	5/5/2011 12:50:43 AM
Motor Oil Range Organics (MRO)	59000	5000		mg/Kg	100	5/5/2011 12:50:43 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/5/2011 12:50:43 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *06-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A46

Lab ID: 1104A46-09
Client Sample ID: SP-2-2
Collection Date: 4/26/2011 12:42:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1600	1000		mg/Kg	100	5/5/2011 1:24:50 AM
Motor Oil Range Organics (MRO)	47000	5000		mg/Kg	100	5/5/2011 1:24:50 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/5/2011 1:24:50 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Kleinfelder
Project: El Paso Monument **Work Order:** 1104A46

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-26632		*MBLK*				Batch ID:	**26632**	Analysis Date:		5/3/2011 4:08:12 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-26632		*LCS*				Batch ID:	**26632**	Analysis Date:		5/3/2011 4:42:50 PM	
Diesel Range Organics (DRO)	57.68	mg/Kg	10	50	0	115	66.2	120			
Sample ID: LCSD-26632		*LCSD*				Batch ID:	**26632**	Analysis Date:		5/3/2011 5:17:11 PM	
Diesel Range Organics (DRO)	58.64	mg/Kg	10	50	0	117	66.2	120	1.65	14.3	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name KLEIN | Date Received: 4/29/2011

Work Order Number 1104A46 | Received by: AT

Checklist completed by: _____ 04/29/11 (Signature / Date) | Sample ID labels checked by: _____ (Initials)

Matrix: | *Carrier name:* *Client drop-off*

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	**2.4°**	*<6° C Acceptable* If given sufficient time to cool.		

Number of preserved bottles checked for pH: _____

<2 >12 unless noted below.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Kleinfelder

Mailing Address: 9019 Washington NE Suite A
Albuquerque NM 87113

Phone #: 505-344-7373

email or Fax#: bbockisch@kleinfelder.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: El Paso Monument

Project #: 118903

Project Manager: Bernie Bockisch

Sampler: Ashley Hawes

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1104446	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
4/26/11	1205	soil	DRUMS-1	4oz glass	none	-1			X									
	1210		DRUMS-2			-2			X									
	1215		DRUMS-3			-3			X									
	1220		DRUMS-4			-4			X									
	1225		DRUMS-5			-5			X									
	1230		SP-1-1			-6			X									
	1232		SP-1-2			-7			X									
	1240		SP-2-1			-8			X									
	1242		SP-2-2			-9			X									

Date	Time	Relinquished by:	Received by:	Date	Time
4/26/11				4/26/11	
4/29/11	1006			04/29/11	1006
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Seperate COC / Report

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, May 10, 2011

Bernie Bockisch
Kleinfelder
9019 Washington NE Building A
Albuquerque, NM 87113

TEL: (505) 344-7373
FAX (505) 344-1711

RE: El Paso Monument

Order No.: 1104A44

Dear Bernie Bockisch:

Hall Environmental Analysis Laboratory, Inc. received 17 sample(s) on 4/29/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *10-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A44

Lab ID: 1104A44-01 **Collection Date:** 4/26/2011 10:25:00 AM
Client Sample ID: EX-1-E-1.8' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/30/2011 6:46:46 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/30/2011 6:46:46 PM
Surr: DNOP	98.3	81.8-129		%REC	1	4/30/2011 6:46:46 PM

Lab ID: 1104A44-02 **Collection Date:** 4/26/2011 10:30:00 AM
Client Sample ID: EX-1-5-1.6' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/2/2011 12:45:53 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/2/2011 12:45:53 PM
Surr: DNOP	95.5	81.8-129		%REC	1	5/2/2011 12:45:53 PM

Lab ID: 1104A44-03 **Collection Date:** 4/26/2011 10:35:00 AM
Client Sample ID: EX-1-N-1.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	11	10		mg/Kg	1	5/2/2011 1:20:34 PM
Motor Oil Range Organics (MRO)	240	50		mg/Kg	1	5/2/2011 1:20:34 PM
Surr: DNOP	93.9	81.8-129		%REC	1	5/2/2011 1:20:34 PM

Lab ID: 1104A44-04 **Collection Date:** 4/26/2011 10:40:00 AM
Client Sample ID: EX-1-B-2.9' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1300	500		mg/Kg	50	5/1/2011 1:01:33 AM
Motor Oil Range Organics (MRO)	34000	2500		mg/Kg	50	5/1/2011 1:01:33 AM
Surr: DNOP	0	81.8-129	S	%REC	50	5/1/2011 1:01:33 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *10-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A44

Lab ID: 1104A44-05 **Collection Date:** 4/26/2011 11:35:00 AM
Client Sample ID: EX-2-W-2.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	2000		mg/Kg	200	5/2/2011 3:40:20 PM
Motor Oil Range Organics (MRO)	41000	10000		mg/Kg	200	5/2/2011 3:40:20 PM
Surr: DNOP	0	81.8-129	S	%REC	200	5/2/2011 3:40:20 PM

Lab ID: 1104A44-06 **Collection Date:** 4/26/2011 11:40:00 AM
Client Sample ID: EX-2-N-1.9' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	2000	500		mg/Kg	50	5/1/2011 3:50:35 AM
Motor Oil Range Organics (MRO)	50000	2500		mg/Kg	50	5/1/2011 3:50:35 AM
Surr: DNOP	0	81.8-129	S	%REC	50	5/1/2011 3:50:35 AM

Lab ID: 1104A44-07 **Collection Date:** 4/26/2011 11:45:00 AM
Client Sample ID: EX-2-E-2.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1400	500		mg/Kg	50	5/1/2011 4:23:41 AM
Motor Oil Range Organics (MRO)	44000	2500		mg/Kg	50	5/1/2011 4:23:41 AM
Surr: DNOP	0	81.8-129	S	%REC	50	5/1/2011 4:23:41 AM

Lab ID: 1104A44-08 **Collection Date:** 4/26/2011 11:50:00 AM
Client Sample ID: EX-2-S-2.7' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	600	500		mg/Kg	50	5/1/2011 4:57:18 AM
Motor Oil Range Organics (MRO)	16000	2500		mg/Kg	50	5/1/2011 4:57:18 AM
Surr: DNOP	0	81.8-129	S	%REC	50	5/1/2011 4:57:18 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *10-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A44

Lab ID: 1104A44-09 **Collection Date:** 4/26/2011 11:55:00 AM
Client Sample ID: EX-2-B-3.1' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	1000	500		mg/Kg	50	5/1/2011 5:30:55 AM
Motor Oil Range Organics (MRO)	28000	2500		mg/Kg	50	5/1/2011 5:30:55 AM
Surr: DNOP	0	81.8-129	S	%REC	50	5/1/2011 5:30:55 AM

Lab ID: 1104A44-10 **Collection Date:** 4/26/2011 1:00:00 PM
Client Sample ID: EX-3-W-2.9' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/30/2011 9:03:23 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/30/2011 9:03:23 PM
Surr: DNOP	85.1	81.8-129		%REC	1	4/30/2011 9:03:23 PM

Lab ID: 1104A44-11 **Collection Date:** 4/26/2011 1:05:00 PM
Client Sample ID: EX-3-S-2.5' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/30/2011 9:37:30 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/30/2011 9:37:30 PM
Surr: DNOP	93.3	81.8-129		%REC	1	4/30/2011 9:37:30 PM

Lab ID: 1104A44-12 **Collection Date:** 4/26/2011 1:15:00 PM
Client Sample ID: EX-3-E-3.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	13	10		mg/Kg	1	4/30/2011 10:11:40 PM
Motor Oil Range Organics (MRO)	160	50		mg/Kg	1	4/30/2011 10:11:40 PM
Surr: DNOP	76.3	81.8-129	S	%REC	1	4/30/2011 10:11:40 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *10-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A44

Lab ID: 1104A44-13 **Collection Date:** 4/26/2011 1:20:00 PM
Client Sample ID: EX-3-N-4' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	250	100		mg/Kg	10	5/2/2011 2:30:49 PM
Motor Oil Range Organics (MRO)	1500	500		mg/Kg	10	5/2/2011 2:30:49 PM
Surr: DNOP	0	81.8-129	S	%REC	10	5/2/2011 2:30:49 PM

Lab ID: 1104A44-14 **Collection Date:** 4/26/2011 1:25:00 PM
Client Sample ID: EX-3-B-4.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	280	100		mg/Kg	10	5/2/2011 3:05:39 PM
Motor Oil Range Organics (MRO)	1900	500		mg/Kg	10	5/2/2011 3:05:39 PM
Surr: DNOP	0	81.8-129	S	%REC	10	5/2/2011 3:05:39 PM

Lab ID: 1104A44-15 **Collection Date:** 4/26/2011 11:10:00 AM
Client Sample ID: EX-1-A-5.3' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	2100	1000		mg/Kg	100	5/8/2011 7:47:16 AM
Motor Oil Range Organics (MRO)	37000	5000		mg/Kg	100	5/8/2011 7:47:16 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/8/2011 7:47:16 AM

Lab ID: 1104A44-16 **Collection Date:** 4/26/2011 11:30:00 AM
Client Sample ID: EX-2-A-6' **Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	3600	1000		mg/Kg	100	5/8/2011 8:21:23 AM
Motor Oil Range Organics (MRO)	63000	5000		mg/Kg	100	5/8/2011 8:21:23 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/8/2011 8:21:23 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *10-May-11*

CLIENT: Kleinfelder
Project: El Paso Monument
Lab Order: 1104A44

Lab ID: 1104A44-17
Client Sample ID: EX-3-A-6.8'
Collection Date: 4/26/2011 1:10:00 PM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	1800	1000		mg/Kg	100	5/8/2011 8:55:18 AM
Motor Oil Range Organics (MRO)	21000	5000		mg/Kg	100	5/8/2011 8:55:18 AM
Surr: DNOP	0	81.8-129	S	%REC	100	5/8/2011 8:55:18 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Kleinfelder
Project: El Paso Monument **Work Order:** 1104A44

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-26615		*MBLK*				Batch ID:	**26615**	Analysis Date:		4/30/2011 2:47:34 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: MB-26683		*MBLK*				Batch ID:	**26683**	Analysis Date:		5/6/2011 11:38:42 PM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-26615		*LCS*				Batch ID:	**26615**	Analysis Date:		4/30/2011 3:21:43 PM	
Diesel Range Organics (DRO)	44.55	mg/Kg	10	50	0	89.1	66.2	120			
Sample ID: LCS-26683		*LCS*				Batch ID:	**26683**	Analysis Date:		5/7/2011 12:12:50 AM	
Diesel Range Organics (DRO)	44.09	mg/Kg	10	50	0	88.2	66.2	120			
Sample ID: LCSD-26615		*LCSD*				Batch ID:	**26615**	Analysis Date:		4/30/2011 3:55:51 PM	
Diesel Range Organics (DRO)	44.55	mg/Kg	10	50	0	89.1	66.2	120	0.0157	14.3	
Sample ID: LCSD-26683		*LCSD*				Batch ID:	**26683**	Analysis Date:		5/7/2011 12:46:55 AM	
Diesel Range Organics (DRO)	49.74	mg/Kg	10	50	0	99.5	66.2	120	12.0	14.3	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name KLEIN | Date Received: 4/29/2011

Work Order Number 1104A44 | Received by: AT

Checklist completed by: _____ 04/29/11 | Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	<2 >12 unless noted below.
Container/Temp Blank temperature?	2.4°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Kleinfelder

Mailing Address: 909 Washington NE Suite A
Albuquerque NM 87113

Phone #: 505 ~~344-5340~~ 344-7373

email or Fax#: bbockisch@kleinfelder.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: El Paso Monument

Project #: 118903/1

Project Manager: Bernie Bockisch

Sampler: Ashley Hawes

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. (AT 4/29/11) 1104A	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
4/26/11	1025	Soil	EX-1-E-1.8'	4oz glass	none	-1			X									
	1030		EX-1-S-1.6'			-2			X									
	1035		EX-1-N-1.3'			-3			X									
	1040		EX-1-B-2.9'			-4			X									
	1135		EX-2-W-2.3'			-5			X									
	1140		EX-2-N-1.9'			-6			X									
	1145		EX-2-E-2.3'			-7			X									
	1150		EX-2-S-2.7'			-8			X									
	1155		EX-2-B-3.1'			-9			X									

4/26/11

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/29/11	1007	Ashley Hawes		4/29/11	1007
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Kleinfelder

Mailing Address: 9019 Washington NE Suite A
Albuquerque NM 87113

Phone #: 505-344-7373

email or Fax#: bbockisch@kleinfelder.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: El Paso Monument

Project #: 119903/1

Project Manager: Bernie Bockisch

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1104A44	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
4/26/11	1300	Soil	EX-3-W-2.9'	4oz glass	none	-10			X									
	1305		EX-3-S-2.5'			-11			X									
	1315		EX-3-E-3.3'			-12			X									
	1320		EX-3-N-4'			-13			X									
	1325		EX-3-B-4.3'			-14			X									

4/26/11

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/29/11	1007			04/29/11	1007
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Kleinfelder

Mailing Address: 9019 Washington NE Suite A
Albuquerque NM 87113

Phone #: 505-344-7373

email or Fax#: bbockisch@kleinfelder.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: El Paso Monument

Project #: 118903/1

Project Manager: Bernie Bockisch

Sampler: Ashley Hawes

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1104144	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)				Air Bubbles (Y or N)
4/26/11	1110	Soil	EX-1-A-5.3'	4oz glass	none	-15			X												
	1130		EX-2-A-6'			-16			X												
	1310		EX-3-A-6.8'			-17			X												

AA 4/26/11 PM

4/26/11

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/29/11	1007			04/29/11	1007
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Hold pending results of other samples in

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, October 07, 2011

Bernard Bokisch
Kleinfelder
9019 Washington NE Building A
Albuquerque, NM 87113

TEL: (505) 344-7373
FAX (505) 344-1711

RE: Monument Station

Order No.: 1110364

Dear Bernard Bokisch:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 10/6/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-11*

Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	Monument Stockpile
Lab Order:	1110364	**Collection Date:**	10/5/2011 7:04:00 AM
Project:	Monument Station	**Date Received:**	10/6/2011
Lab ID:	1110364-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	190	100		mg/Kg	10	10/7/2011 12:24:28 PM
Motor Oil Range Organics (MRO)	ND	510		mg/Kg	10	10/7/2011 12:24:28 PM
Surr: DNOP	0	73.4-123	S	%REC	10	10/7/2011 12:24:28 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *07-Oct-11*

Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A3-13'
Lab Order:	1110364	**Collection Date:**	10/4/2011 4:05:00 PM
Project:	Monument Station	**Date Received:**	10/6/2011
Lab ID:	1110364-02	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	230	99		mg/Kg	10	10/7/2011 11:14:58 AM
Motor Oil Range Organics (MRO)	620	500		mg/Kg	10	10/7/2011 11:14:58 AM
Surr: DNOP	0	73.4-123	S	%REC	10	10/7/2011 11:14:58 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Kleinfelder
Project: Monument Station **Work Order:** 1110364

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-28780		*MBLK*				Batch ID:	**28780**	Analysis Date:		10/7/2011 9:32:14 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-28780		*LCS*				Batch ID:	**28780**	Analysis Date:		10/7/2011 11:49:32 AM	
Diesel Range Organics (DRO)	63.52	mg/Kg	10	50	4.345	118	66.7	119			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name KLEIN | Date Received: 10/6/2011

Work Order Number 1110364 | Received by: AMG

Checklist completed by: Signature 10/6/11 Date | Sample ID labels checked by: JD Initials

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**4.1°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: KLEINFELDER INC.

Mailing Address: 9019-A WASHINGTON, NE
ALBUQUERQUE NM 87113

Phone #: 505-344-7373

email or Fax#: BBOCKISCH@KLEINFELDER.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☑ NELAP ☐ Other ____________

☐ EDD (Type) ____________

Turn-Around Time:
☐ Standard ☑ Rush 24HRS

Project Name: MONUMENT STATION

Project #: 121960/1

Project Manager: BERNARD BOCKISCH

Sampler: BERNARD BOCKISCH

On Ice: ☑ Yes ☐ No

Sample Temperature: [illegible]

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1110364	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel) MRO	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
~~BB 10/5/11~~ 10/5/11	~~BB 10/4/11~~ ~~7:04~~	~~BB 10/4/11~~ ~~Soil~~																				
10/5/11	7:04	SOIL	MONUMENT STOCKPILE	4OZ X 1	ICE	-1			✓													
10/4/11	16:05	SOIL	A3-13'	1-4OZ	ICE	-2			✓													

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/4/11	7:26	[signature]	[signature]	10/6/11	7:26
11 56	10/6/11	[signature]	[signature]	10/6/11	1156

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, October 13, 2011

Bernie Bockisch
Kleinfelder
9019 Washington NE Building A
Albuquerque, NM 87113

TEL: (505) 344-7373
FAX (505) 344-1711

RE: Monument Station

Order No.: 1110485

Dear Bernie Bockisch:

Hall Environmental Analysis Laboratory, Inc. received 7 sample(s) on 10/10/2011 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please do not hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Laboratory Manager

NM Lab # NM9425 NM0901
AZ license # AZ0682

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A1-4-8.6'
Lab Order:	1110485	**Collection Date:**	10/5/2011 12:50:00 PM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-01	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	23	10		mg/Kg	1	10/12/2011 7:45:57 AM
Motor Oil Range Organics (MRO)	150	50		mg/Kg	1	10/12/2011 7:45:57 AM
Surr: DNOP	103	73.4-123		%REC	1	10/12/2011 7:45:57 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A2-6-8'
Lab Order:	1110485	**Collection Date:**	10/7/2011 7:30:00 AM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-03	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	820	200		mg/Kg	20	10/12/2011 2:51:21 AM
Motor Oil Range Organics (MRO)	10000	1000		mg/Kg	20	10/12/2011 2:51:21 AM
Surr: DNOP	0	73.4-123	S	%REC	20	10/12/2011 2:51:21 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
NC	Non-Chlorinated
PQL	Practical Quantitation Limit
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A2-5-5'
Lab Order:	1110485	**Collection Date:**	10/7/2011 8:05:00 AM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-04	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	140	99		mg/Kg	10	10/12/2011 8:59:44 AM
Motor Oil Range Organics (MRO)	600	490		mg/Kg	10	10/12/2011 8:59:44 AM
Surr: DNOP	0	73.4-123	S	%REC	10	10/12/2011 8:59:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A2-7-6'
Lab Order:	1110485	**Collection Date:**	10/7/2011 8:15:00 AM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-05	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JB
Diesel Range Organics (DRO)	380	200		mg/Kg	20	10/12/2011 3:59:41 AM
Motor Oil Range Organics (MRO)	6500	1000		mg/Kg	20	10/12/2011 3:59:41 AM
Surr: DNOP	0	73.4-123	S	%REC	20	10/12/2011 3:59:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A2-8-5.6'
Lab Order:	1110485	**Collection Date:**	10/7/2011 8:30:00 AM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-06	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/12/2011 1:08:40 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/12/2011 1:08:40 AM
Surr: DNOP	95.4	73.4-123		%REC	1	10/12/2011 1:08:40 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-11*
Analytical Report

CLIENT:	Kleinfelder	**Client Sample ID:**	A1-7-6'
Lab Order:	1110485	**Collection Date:**	10/7/2011 10:15:00 AM
Project:	Monument Station	**Date Received:**	10/10/2011
Lab ID:	1110485-07	**Matrix:**	SOLID

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **JB**
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/12/2011 1:42:48 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/12/2011 1:42:48 AM
Surr: DNOP	95.7	73.4-123		%REC	1	10/12/2011 1:42:48 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
NC	Non-Chlorinated	ND	Not Detected at the Reporting Limit
PQL	Practical Quantitation Limit	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Kleinfelder
Project: Monument Station **Work Order:** 1110485

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics											
Sample ID: MB-28823		*MBLK*				Batch ID:	**28823**	Analysis Date:	10/11/2011 10:52:14 PM		
Diesel Range Organics (DRO)	ND	mg/Kg	10								
Motor Oil Range Organics (MRO)	ND	mg/Kg	50								
Sample ID: LCS-28823		*LCS*				Batch ID:	**28823**	Analysis Date:	10/11/2011 11:26:13 PM		
Diesel Range Organics (DRO)	50.27	mg/Kg	10	50	0	101	66.7	119			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	NC	Non-Chlorinated
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name KLEIN | Date Received: 10/10/2011

Work Order Number 1110485 | Received by: LNM

Checklist completed by: Michelle Garcia 10/10/11 (Signature / Date) | Sample ID labels checked by: MG (Initials)

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☐	No ☑		
All samples received within holding time?	Yes ☑	No ☐		Number of preserved bottles checked for pH:
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	*<2 >12 unless noted below.*
Container/Temp Blank temperature?	**5.8°**	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Klein Felder

Mailing Address: 9019-A Washington NE, Alb

Phone #: 505 344-7373

email or Fax#:

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation
☑ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☑ Rush 48 HOUR

Project Name: Monument Station

Project #: 121960/I

Project Manager: Bernie Bockisch

Sampler: David Gay

On Ice: Yes

Sample Temperature: 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1109385	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)				Air Bubbles (Y or N)
10/5	12:50	SOIL	A1-4-8.6'	4oz Jar	ICE	1			✓												
10/6	8:09	SOIL	A2-2-5'	4oz Jar	ICE	2			✓												
10/7	7:30	SOIL	A2-6-8'	4oz Jar	Ice	3			✓												
10/7	8:05	SOIL	A2-5-5'	4oz Jar	Ice	4			✓												
10/7	8:15	SOIL	A2-7-6'	4oz Jar	Ice	5			✓												
10/7	8:30	SOIL	A2-8-5.6'	4oz Jar	Ice	6			✓												
10/7	10:15	SOIL	A1-7-6'	4oz Jar	Ice	7			✓												

Date	Time	Relinquished by	Received by	Date	Time
10/10	8:52	David Gay			
10/10/11	12:58			10/10/11	17:58

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Analytical Report 430062

for

Kleinfelder

Project Manager: Bernard Bockisch

Monument station

121960

26-OCT-11

Collected By: Client

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

4143 Greenbriar Dr., Stafford, TX 77477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

26-OCT-11

Project Manager: **Bernard Bockisch**
Kleinfelder
8300 Jefferson Blvd NE, Suite B
Albuquerque, NM 87113

Reference: XENCO Report No: **430062**
Monument station
Project Address:

Bernard Bockisch :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 430062. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 430062 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Skip Harden
Project Manager

CASE NARRATIVE

Client Name: Kleinfelder
Project Name: Monument station

Project ID:	*121960*	*Report Date:*	*26-OCT-11*
Work Order Number:	*430062*	*Date Received:*	*10/22/2011*

Sample receipt non conformances and comments:
All methods analyzed at Xenco-Houston.

Sample receipt non conformances and comments per sample:

None

Arizona Flags

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007. Data qualifiers (flags) contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

D2 Sample required dilution due to high concentration of target analyte.

XENCO Laboratories

Sample Cross Reference 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
A3-16-10	S	10-19-11 11:26		430062-001
A1-11-10	S	10-19-11 13:30		430062-002
A2-9-6	S	10-19-11 14:30		430062-003
A3-7-9	S	10-18-11 08:45		430062-004
A3-12-10	S	10-18-11 02:45		430062-005
A3-13-10.6	S	10-19-11 10:00		430062-006
A3-14-7	S	10-19-11 10:25		430062-007
A3-15-10	S	10-19-11 10:46		430062-008
A2-10-10	S	10-20-11 09:00		430062-009
A2-11-4	S	10-20-11 09:17		430062-010
A2-12-12	S	10-20-11 10:16		430062-011
A2-13-11	S	10-20-11 10:20		430062-012
A2-14-18	S	10-20-11 13:10		430062-013
A2-15-12	S	10-20-11 13:25		430062-014
A2-16-7	S	10-20-11 14:45		430062-015

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-16-10	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-001	**Date Collected:** Oct-19-11 11:26	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:39	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	<1.67	1.67	mg/kg	10/25/11 14:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/25/11 14:29	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:39	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	<3.30	3.30	mg/kg	10/25/11 14:29		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/25/11 14:29	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A1-11-10	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-002	**Date Collected:** Oct-19-11 13:30	

Analytical Method: TPH DRO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:42 — **Basis:** Wet Weight
Seq Number: 873191

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	<1.66	1.66	mg/kg	10/25/11 14:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	65	%	40-130	10/25/11 14:52	

Analytical Method: TPH ORO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:42 — **Basis:** Wet Weight
Seq Number: 873208

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	<3.29	3.29	mg/kg	10/25/11 14:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	65	%	40-130	10/25/11 14:52	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-9-6	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-003	**Date Collected:** Oct-19-11 14:30	

Analytical Method: TPH DRO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:45 — **Basis:** Wet Weight
Seq Number: 873191

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	<1.67	1.67	mg/kg	10/25/11 15:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	61	%	40-130	10/25/11 15:15	

Analytical Method: TPH ORO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:45 — **Basis:** Wet Weight
Seq Number: 873208

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**3.39**	3.30	mg/kg	10/25/11 15:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	61	%	40-130	10/25/11 15:15	

Project: Standard List of Methods

Final 1.000

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-7-9	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-004	**Date Collected:** Oct-18-11 08:45	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:48	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1180**	16.7	mg/kg	10/25/11 15:38	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	60	%	40-130	10/25/11 15:38	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:48	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1680**	33.0	mg/kg	10/25/11 15:38	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	76	%	40-130	10/25/11 15:38	

Project: Standard List of Methods

Final 1.000

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-12-10	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-005	**Date Collected:** Oct-18-11 02:45	

Analytical Method: TPH DRO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:51 — **Basis:** Wet Weight
Seq Number: 873191

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**832**	16.6	mg/kg	10/26/11 11:38	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	73	%	40-130	10/26/11 11:38	

Analytical Method: TPH ORO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:51 — **Basis:** Wet Weight
Seq Number: 873208

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1290**	32.9	mg/kg	10/26/11 11:38	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	84	%	40-130	10/26/11 11:38	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-13-10.6	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-006	**Date Collected:** Oct-19-11 10:00	

Analytical Method: TPH DRO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:54 — **Basis:** Wet Weight
Seq Number: 873191

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**44.0**	1.66	mg/kg	10/25/11 16:24		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/25/11 16:24	

Analytical Method: TPH ORO by SW8015D — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-24-11 10:54 — **Basis:** Wet Weight
Seq Number: 873208

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**83.2**	3.30	mg/kg	10/25/11 16:24		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/25/11 16:24	

Project: Standard List of Methods

Final 1.000

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-14-7	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-007	**Date Collected:** Oct-19-11 10:25	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:57	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	<1.67	1.67	mg/kg	10/25/11 16:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	60	%	40-130	10/25/11 16:46	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 10:57	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	<3.30	3.30	mg/kg	10/25/11 16:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	60	%	40-130	10/25/11 16:46	

Project: Standard List of Methods

Final 1.000

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A3-15-10	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-008	**Date Collected:** Oct-19-11 10:46	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:06	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	<1.66	1.66	mg/kg	10/25/11 17:55		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	61	%	40-130	10/25/11 17:55	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:06	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	<3.29	3.29	mg/kg	10/25/11 17:55		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	67	%	40-130	10/25/11 17:55	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-10-10	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-009	**Date Collected:** Oct-20-11 09:00	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:09	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1390**	16.7	mg/kg	10/25/11 18:18	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	74	%	40-130	10/25/11 18:18	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:09	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1760**	33.0	mg/kg	10/25/11 18:18	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	76	%	40-130	10/25/11 18:18	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-11-4	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-010	**Date Collected:** Oct-20-11 09:17	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:12	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**2.92**	1.66	mg/kg	10/25/11 18:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	61	%	40-130	10/25/11 18:40	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:12	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**14.2**	3.29	mg/kg	10/25/11 18:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/25/11 18:40	

Project: Standard List of Methods

Final 1.000

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-12-12	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-011	**Date Collected:** Oct-20-11 10:16	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:15	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1120**	16.7	mg/kg	10/26/11 09:44	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	65	%	40-130	10/26/11 09:44	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:15	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1870**	33.0	mg/kg	10/26/11 09:44	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	65	%	40-130	10/26/11 09:44	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-13-11	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-012	**Date Collected:** Oct-20-11 10:20	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:18	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1390**	16.6	mg/kg	10/26/11 10:07	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	66	%	40-130	10/26/11 10:07	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:18	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1970**	32.9	mg/kg	10/26/11 10:07	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	66	%	40-130	10/26/11 10:07	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430062

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-14-18	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-013	**Date Collected:** Oct-20-11 13:10	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:21	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1460**	16.7	mg/kg	10/26/11 10:30	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	71	%	40-130	10/26/11 10:30	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:21	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1980**	33.0	mg/kg	10/26/11 10:30	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	71	%	40-130	10/26/11 10:30	

Project: Standard List of Methods

Final 1.000

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-15-12	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-014	**Date Collected:** Oct-20-11 13:25	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:24	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**1180**	16.6	mg/kg	10/26/11 10:52	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	63	%	40-130	10/26/11 10:52	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:24	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**1850**	32.9	mg/kg	10/26/11 10:52	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	65	%	40-130	10/26/11 10:52	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: A2-16-7	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430062-015	**Date Collected:** Oct-20-11 14:45	

Analytical Method:	TPH DRO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:27	**Basis:** Wet Weight
Seq Number:	873191		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-DRO	68334-30-5	**16.4**	1.67	mg/kg	10/26/11 11:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	60	%	40-130	10/26/11 11:15	

Analytical Method:	TPH ORO by SW8015D		**Prep Method:** SW3550
Tech:	LRA		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-24-11 11:27	**Basis:** Wet Weight
Seq Number:	873208		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
TPH-ORO (Oil Range Organics)	ORO	**54.4**	3.30	mg/kg	10/26/11 11:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	61	%	40-130	10/26/11 11:15	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument station

Analytical Method: TPH ORO by SW8015D — Prep Method: SW3550
Seq Number: 873208 — Matrix: Solid — Date Prep: 10/24/2011
MB Sample Id: 613158-1-BLK — LCS Sample Id: 613158-1-BKS — LCSD Sample Id: 613158-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-ORO (Oil Range Organics)	<3.30	33.3	24.4	73	25.4	76	70-130	4	35	mg/kg	10/25/11 13:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Pentacosane	61		69		67		40-130	%	10/25/11 13:44

Analytical Method: TPH ORO by SW8015D — Prep Method: SW3550
Seq Number: 873208 — Matrix: Soil — Date Prep: 10/24/2011
Parent Sample Id: 430062-007 — MS Sample Id: 430062-007 S — MSD Sample Id: 430062-007 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
TPH-ORO (Oil Range Organics)	<3.29	33.3	27.0	81	28.8	87	70-130	6	35	mg/kg	10/25/11 17:09	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Pentacosane	63		66		40-130	%	10/25/11 17:09

Chain of Custody

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Work Order No: 430062-H

Page 1 of 2

Project Manager:	Bernie Bockisch	Bill to: (if different)	
Company Name:	Kleinfelder	Company Name:	
Address:	9019-A Washington NE	Address:	
City, State ZIP:	Albuquerque NM 87113	City, State ZIP:	
Phone:	505.344-7373	Email:	

Work Order Comments

Fed Ex 8747 6707 9658

Project Name:	Monument Station
Project Number:	121 960
P.O. Number:	
Sampler's Name:	DG 8171

SAMPLE RECEIPT

Temperature (°C):	5.0°C		Temp Blank Present:		
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice	
Cooler Custody Seals:	Yes	No	N/A	Total Containers	
Sample Custody Seals:	Yes	No	N/A		

TAT

- [x] Routine
- [x] Rush - Prelim
- [ ] Rush - Final

Prelim Due Date:

Final Due Date:

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 8260B 624 / 524.2	Acrolein / Acrylonitrile 8260B 624 / 2-CEVE	Semi-Volatile Organics 8270C 625	Organochlorine Pesticides 8081A 608	Oil & Grease (1664-HEM) / TPH (1664-HEM-SGT)	Metals (See Below) Total / Hardness / Ca Hardness	Metals (See Below) Dissolved / TCLP	Total Hexavalent Cr / Dissolved Hexavalent Cr	Total Cyanide / Amenable (Free) Cyanide	BOD	pH / Cond. / Alk / TDS / TSS / Cl / SO4 / F / Ortho-P	NO2 / NO3 (300.0)	NO2+NO3 (353.2)	TKN / NH3 / COD / Total-P	Coliert / E. Coli (CFU/MPN) / HPC / Fecal (CFU/MPN)	TPH-EPA 8015	DRO/MRO		Sample Comments
A3-16-10		10/19	11:26																			✓	✓	
A1-11-10		10/19	1:30																			✓	✓	
A2-9-6		10/19	2:30																			✓	✓	
A3-7-9		10/18	8:45																			✓	✓	
A3-12-10		10/18	2:45																			✓	✓	
A3-13-10.6		10/19	10:00																			✓	✓	
A3-14-7		10/19	10:25																			✓	✓	
A3-15-10		10/19	10:46																			✓	✓	
A2-10-10		10/20	9:00																			✓	✓	
A2-11-4'		10/20	9:17																			✓	✓	

Total	200.7 / 6010B: 8RCRA 13PPM	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn
Circle Method(s) and Metal(s) to be analyzed	200.8 / 6020:	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

Dissolved / TCLP	200.7 / 6010B: 8RCRA 13PPM	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn
Circle Method(s) and Metal(s) to be analyzed	200.8 / 6020:	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	David Hay		2159/10/21/11
2			
3	FEDEX		10/22/11 0915

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C.O.C. Serial # 18242

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Work Order No: 430062-H

Project Manager:	Bernie Bockisch	Bill to: (if different)	
Company Name:	Kleinfelder	Company Name:	
Address:	9019 A - Washington NE	Address:	
City, State ZIP:	Albuquerque NM 87113	City, State ZIP:	
Phone:	505-344-7373	Email:	

Work Order Comments

Fed Ex 8747 6707 9658

Project Name:	Monument Station
Project Number:	121960
P.O. Number:	
Sampler's Name:	David Gay

SAMPLE RECEIPT

Temperature (°C):			Temp Blank Present:	
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:
Sample Custody Seals:	Yes	No	N/A	

TAT

- ~~Routine~~
- Rush - Prelim
- Rush - Final

Prelim Due Date:

Final Due Date:

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics 8260B 624 524.2	Acrolein Acrylonitrile 2-CEVE 8260B 624	Semi-Volatile Organics 8270C 625	Organochlorine Pesticides 8081A 608	Oil & Grease (1664-HEM) TPH (1664-HEM-SGT)	Metals (See Below) Total Hardness Ca Hardness	Metals (See Below) Dissolved TCLP	Total Hexavalent Cr Dissolved Hexavalent Cr	Total Cyanide Amenable (Free) Cyanide	BOD	pH Cond. Alk TDS TSS Cl SO4 F Ortho-P	NO2 NO3 (300.0)	NO2+NO3 (353.2)	TKN NH3 COD Total-P	Collert E. Coli (CFU/MPN) HPC Fecal (CFU/MPN)	TPH EPA 8015	DRO/MRO		Sample Comments
A2-12-12'		10/20	10:16																		✓	✓		
A2-13-11'		10/20	10:20																		✓	✓		
A2-14-18'		10/20	1:10																		✓	✓		
A2-15-12'		10/20	1:25																		✓	✓		
A2-16-7		10/20	2:45																		✓	✓		

Total	200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn	
Circle Method(s) and Metal(s) to be analyzed	200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other:	245.1 / 7470A: Hg

Dissolved / TCLP	200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn	
Circle Method(s) and Metal(s) to be analyzed	200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other:	245.1 / 7470A: Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	David Gay		2:59/10/21/11
2			
3			

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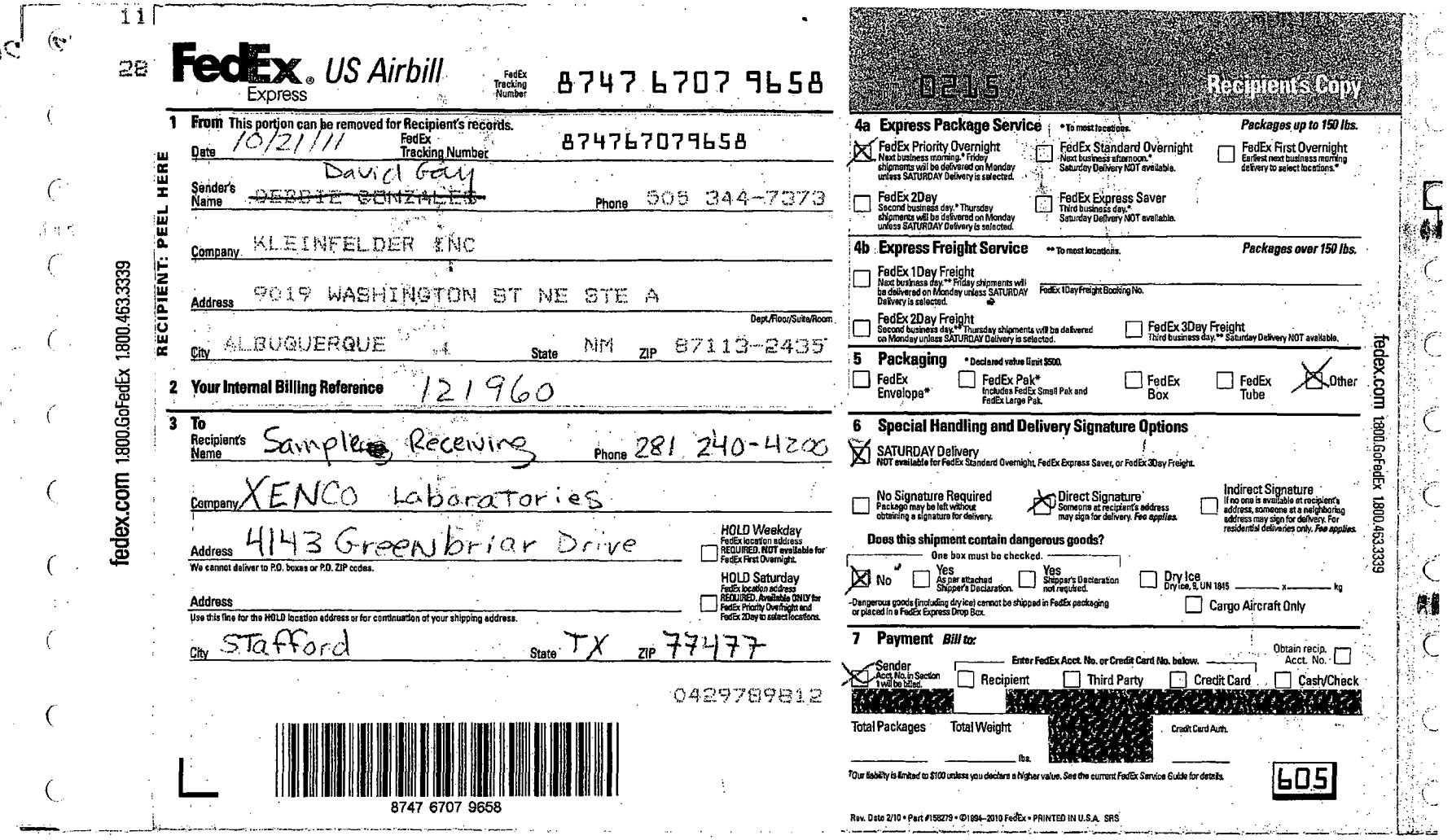
C.O.C. Serial # 18243



FedEx Express US Airbill

FedEx Tracking Number 8747 6707 9658

0215 Recipient's Copy

1 From This portion can be removed for Recipient's records.

Date 10/21/11 FedEx Tracking Number 874767079658

Sender's Name ~~DEBBIE GONZALES~~ David Gay Phone 505 344-7373

Company KLEINFELDER INC

Address 9019 WASHINGTON ST NE STE A Dept/Floor/Suite/Room

City ALBUQUERQUE State NM ZIP 87113-2435

2 Your Internal Billing Reference 121960

3 To

Recipient's Name Sample Receiving Phone 281 240-4200

Company XENCO Laboratories

Address 4143 Greenbriar Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes.

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- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

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- [ ] FedEx Pak* Includes FedEx Small Pak and FedEx Large Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

6 Special Handling and Delivery Signature Options

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- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

-Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

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- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

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Total Packages ____ Total Weight ____ lbs. Credit Card Auth. ____

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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Kleinfelder

Date/ Time Received: 10/22/2011 09:15:00 AM

Work Order #: 430062

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R29

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	5	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	N/A	
#5 Custody Seals intact on sample bottles/ container?	N/A	
#6 *Custody Seals Signed and dated for Containers/coolers	N/A	
#7 *Chain of Custody present?	Yes	
#8 Sample instructions complete on Chain of Custody?	Yes	
#9 Any missing/extra samples?	No	
#10 Chain of Custody signed when relinquished/ received?	Yes	
#11 Chain of Custody agrees with sample label(s)?	Yes	
#12 Container label(s) legible and intact?	Yes	
#13 Sample matrix/ properties agree with Chain of Custody?	Yes	
#14 Samples in proper container/ bottle?	Yes	
#15 Samples properly preserved?	Yes	
#16 Sample container(s) intact?	Yes	
#17 Sufficient sample amount for indicated test(s)?	Yes	
#18 All samples received within hold time?	Yes	
#19 Subcontract of sample(s)?	___	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	N/A	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	___	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	N/A	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst:	as	PH Device/Lot#

NonConformance:

Corrective Action Taken:

Nonconformance Documentation

Contact: _____ **Contacted by :** _____ **DateTime :** _____

Checklist completed by: _____ Date: 10/22/2011
Alirio Sanchez

Checklist reviewed by: _____ Date: 10/22/2011

Analytical Report 430064

for

Kleinfelder

Project Manager: Bernard Bockisch

Monument Station

121960

03-NOV-11

Collected By: Client

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

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Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

XENCO Laboratories

03-NOV-11

Project Manager: **Bernard Bockisch**
Kleinfelder
8300 Jefferson Blvd NE, Suite B
Albuquerque, NM 87113

Reference: XENCO Report No: **430064**
Monument Station
Project Address:

Bernard Bockisch :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 430064. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 430064 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Skip Harden
Project Manager

CASE NARRATIVE

XENCO Laboratories

Client Name: Kleinfelder
Project Name: Monument Station

Project ID:	*121960*	*Report Date:*	*03-NOV-11*
Work Order Number:	*430064*	*Date Received:*	*10/22/2011*

Sample receipt non conformances and comments:
None

Sample receipt non conformances and comments per sample:

None

Analytical non nonformances and comments:

Batch: LBA-873217 PCBs by EPA 8082
S10:
The surrogate, Decachlorobiphenyl, recovered above acceptance criteria due to matrix interference.

Batch: LBA-873541 PAHs by EPA 8310
N1:
An MS/MSD was not reported due to high dilution on parent sample rendered the information useless.

R2:
The RPD for Benzo(a)pyrene was above acceptance criteria due to the recovery in the LCSD was below the PQL.

Batch: LBA-873545 VOAs by SW-846 8260B
N1:
Dichlorodifluoromethane recovered above accpetance criteria in the LCS/LCSD and MSD. This equates to a potential high bias. Since the associated field samples were non-detect for Dichlorodifluoromethane, no further action was required.

Batch: LBA-873704 Metals per ICP by SW846 6010B
R2:
The RPD for Barium was above acceptance criteria in the MS/MSD pair due to the recovery in the MSD was above acceptance criteria. The recovery was within criteria in the LCS and MS.

Arizona Flags

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007. Data qualifiers (flags) contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

D1 Sample required dilution due to matrix.

D2 Sample required dilution due to high concentration of target analyte.

L1 The associated blank spike recovery was above laboratory acceptance limits.

L2 The associated blank spike recovery was below laboratory acceptance limits.

M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.

M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.

N1 See case narrative.

R2 RPD/RSD exceeded the laboratory acceptance limit. See case narrative.

R5 MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.

S10 Surrogate recovery was above laboratory and method acceptance limits. See case narrative.

S8 The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The associated blank spike recovery was acceptable.

Sample Cross Reference 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
DCS #1	S	10-20-11 08:45		430064-013
DCS #2	S	10-20-11 09:45		430064-014
DCS #3	S	10-20-11 10:45		430064-015

XENCO Laboratories

Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-013	**Date Collected:** Oct-20-11 08:45	

Analytical Method: Ignitability Of Solids By SW1030
Tech: KUI
Analyst: KUI
Seq Number: 873577
% Moisture:
Basis: Wet Weight
SUB: AZ0757

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Ignitability		Non-Ignitable	1.68	mm/sec	10/31/11 15:00		1

Analytical Method: Mercury by SW-846 7471A
Tech: KKO
Analyst: KKO
Seq Number: 873412
Prep Method: SW7471P
% Moisture:
Date Prep: Oct-28-11 10:00
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	**1.07**	0.0472	mg/kg	10/28/11 13:19	D2	5

Analytical Method: Metals per ICP by SW846 6010B
Tech: MLI
Analyst: RGF
Seq Number: 873704
Prep Method: SW3050B
% Moisture:
Date Prep: Oct-31-11 15:00
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	<5.00	5.00	mg/kg	11/01/11 13:54	D1	5
Barium	7440-39-3	**170**	5.00	mg/kg	11/01/11 13:54	D2M1	5
Cadmium	7440-43-9	<2.50	2.50	mg/kg	11/01/11 13:54	D1	5
Chromium	7440-47-3	**16.2**	5.00	mg/kg	11/01/11 13:54	D2	5
Lead	7439-92-1	<5.00	5.00	mg/kg	11/01/11 13:54	D1	5
Selenium	7782-49-2	<15.0	15.0	mg/kg	11/01/11 13:54	D1	5
Silver	7440-22-4	<10.0	10.0	mg/kg	11/01/11 13:54	D1M1	5

Project: Standard List of Methods

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Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1 **Matrix:** Soil **Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-013 **Date Collected:** Oct-20-11 08:45

Analytical Method: PAHs by EPA 8310 **Prep Method:** SW3550
Tech: CED **% Moisture:**
Analyst: ZHO **Date Prep:** Oct-27-11 16:51 **Basis:** Wet Weight
Seq Number: 873541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acenaphthene	83-32-9	<0.0487	0.0487	mg/kg	10/28/11 22:25	D1	25
Acenaphthylene	208-96-8	<0.0825	0.0825	mg/kg	10/28/11 22:25	D1	25
Anthracene	120-12-7	<0.0502	0.0502	mg/kg	10/28/11 22:25	D1	25
Benzo(a)anthracene	56-55-3	**0.130**	0.0517	mg/kg	10/28/11 22:25	D2	25
Benzo(a)pyrene	50-32-8	<0.0562	0.0562	mg/kg	10/28/11 22:25	D1L2	25
Benzo(b)fluoranthene	205-99-2	**0.140**	0.0442	mg/kg	10/28/11 22:25	D2	25
Benzo(g,h,i)perylene	191-24-2	<0.195	0.195	mg/kg	10/28/11 22:25	D1	25
Benzo(k)fluoranthene	207-08-9	**0.127**	0.0450	mg/kg	10/28/11 22:25	D2	25
Chrysene	218-01-9	**0.270**	0.0382	mg/kg	10/28/11 22:25	D2	25
Dibenz(a,h)Anthracene	53-70-3	<0.0390	0.0390	mg/kg	10/28/11 22:25	D1	25
Fluoranthene	206-44-0	**0.563**	0.0367	mg/kg	10/28/11 22:25	D2	25
Fluorene	86-73-7	<0.0426	0.0426	mg/kg	10/28/11 22:25	D1	25
Indeno(1,2,3-c,d)Pyrene	193-39-5	<0.0426	0.0426	mg/kg	10/28/11 22:25	D1	25
Naphthalene	91-20-3	<0.0277	0.0277	mg/kg	10/28/11 22:25	D1L1	25
Phenanthrene	85-01-8	**0.301**	0.0382	mg/kg	10/28/11 22:25	D2	25
Pyrene	129-00-0	**0.456**	0.0382	mg/kg	10/28/11 22:25	D2	25

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Terphenyl-D14	1718-51-0	0	%	70-130	10/28/11 22:25	S8

Analytical Method: PCBs by EPA 8082 **Prep Method:** SW3550
Tech: LRA **% Moisture:**
Analyst: VIC **Date Prep:** Oct-25-11 11:23 **Basis:** Wet Weight
Seq Number: 873217

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	<0.0166	0.0166	mg/kg	10/25/11 20:15		1
PCB-1221	11104-28-2	<0.0166	0.0166	mg/kg	10/25/11 20:15		1
PCB-1232	11141-16-5	<0.0166	0.0166	mg/kg	10/25/11 20:15		1
PCB-1242	53469-21-9	<0.0166	0.0166	mg/kg	10/25/11 20:15		1
PCB-1248	12672-29-6	<0.0166	0.0166	mg/kg	10/25/11 20:15		1
PCB-1254	11097-69-1	**0.410**	0.0831	mg/kg	10/26/11 12:12	D2	5
PCB-1260	11096-82-5	<0.0166	0.0166	mg/kg	10/25/11 20:15		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Decachlorobiphenyl	2051-24-3	144	%	39-125	10/25/11 20:15	S10
Tetrachloro-m-xylene	877-09-8	74	%	37-124	10/25/11 20:15	

Project: Standard List of Methods

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Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-013	**Date Collected:** Oct-20-11 08:45	

Analytical Method:	TPH by Texas1005		**Prep Method:** TX1005P
Tech:	JAH		**% Moisture:**
Analyst:	JAH	**Date Prep:** Oct-30-11 16:27	**Basis:** Wet Weight
Seq Number:	873755		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	<49.8	49.8	mg/kg	11/02/11 11:00		1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	**110**	49.8	mg/kg	11/02/11 11:00		1
C28-C35 Oil Range Hydrocarbons	PHCG2835	**433**	49.8	mg/kg	11/02/11 11:00		1
Total TPH 1005	PHC635	**543**	49.8	mg/kg	11/02/11 11:00		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	11/02/11 11:00	
o-Terphenyl	84-15-1	90	%	70-130	11/02/11 11:00	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-013 **Date Collected:** Oct-20-11 08:45

Analytical Method: VOAs by SW-846 8260 **Prep Method:** SW5030B

Tech: JUJ **% Moisture:**

Analyst: CYE **Date Prep:** Oct-28-11 14:00 **Basis:** Wet Weight

Seq Number: 873545

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Bromobenzene	108-86-1	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Bromochloromethane	74-97-5	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Bromodichloromethane	75-27-4	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Bromoform	75-25-2	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Methyl bromide	74-83-9	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
MTBE	1634-04-4	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
tert-Butylbenzene	98-06-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Sec-Butylbenzene	135-98-8	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
n-Butylbenzene	104-51-8	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Carbon Tetrachloride	56-23-5	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Chlorobenzene	108-90-7	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Chloroethane	75-00-3	<0.0100	0.0100	mg/kg	10/28/11 14:40		1
Chloroform	67-66-3	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Methyl Chloride	74-87-3	<0.0100	0.0100	mg/kg	10/28/11 14:40		1
2-Chlorotoluene	95-49-8	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
4-Chlorotoluene	106-43-4	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,2-Dibromo-3-Chloropropane	96-12-8	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Dibromochloromethane	124-48-1	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,2-Dibromoethane	106-93-4	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Methylene bromide	74-95-3	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,2-Dichlorobenzene	95-50-1	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,3-Dichlorobenzene	541-73-1	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,4-Dichlorobenzene	106-46-7	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Dichlorodifluoromethane	75-71-8	<0.00500	0.00500	mg/kg	10/28/11 14:40	N1	1
1,2-Dichloroethane	107-06-2	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,1-Dichloroethane	75-34-3	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
trans-1,2-dichloroethylene	156-60-5	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
cis-1,2-Dichloroethylene	156-59-2	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,1-Dichloroethene	75-35-4	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
2,2-Dichloropropane	594-20-7	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,3-Dichloropropane	142-28-9	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,2-Dichloropropane	78-87-5	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
trans-1,3-dichloropropene	10061-02-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,1-Dichloropropene	563-58-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
cis-1,3-Dichloropropene	10061-01-5	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Ethylbenzene	100-41-4	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Hexachlorobutadiene	87-68-3	<0.00500	0.00500	mg/kg	10/28/11 14:40	M2	1
Naphthalene	91-20-3	<0.0100	0.0100	mg/kg	10/28/11 14:40	M1	1

Project: Standard List of Methods

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Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-013	**Date Collected:** Oct-20-11 08:45	

Analytical Method:	VOAs by SW-846 8260		**Prep Method:** SW5030B
Tech:	JUJ		**% Moisture:**
Analyst:	CYE	**Date Prep:** Oct-28-11 14:00	**Basis:** Wet Weight
Seq Number:	873545		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Isopropylbenzene	98-82-8	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Methylene Chloride	75-09-2	<0.0200	0.0200	mg/kg	10/28/11 14:40		1
n-Propylbenzene	103-65-1	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Styrene	100-42-5	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,1,1,2-Tetrachloroethane	630-20-6	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,1,2,2-Tetrachloroethane	79-34-5	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
Tetrachloroethylene	127-18-4	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Toluene	108-88-3	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,2,4-Trichlorobenzene	120-82-1	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,2,3-Trichlorobenzene	87-61-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,1,2-Trichloroethane	79-00-5	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,1,1-Trichloroethane	71-55-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Trichloroethylene	79-01-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Trichlorofluoromethane	75-69-4	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,2,3-Trichloropropane	96-18-4	<0.00500	0.00500	mg/kg	10/28/11 14:40	M1	1
1,2,4-Trimethylbenzene	95-63-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
1,3,5-Trimethylbenzene	108-67-8	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
Vinyl Chloride	75-01-4	<0.00200	0.00200	mg/kg	10/28/11 14:40		1
o-Xylene	95-47-6	<0.00500	0.00500	mg/kg	10/28/11 14:40		1
m,p-Xylenes	1330-20-7	<0.0100	0.0100	mg/kg	10/28/11 14:40		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	58-152	10/28/11 14:40	
Dibromofluoromethane	1868-53-7	92	%	74-126	10/28/11 14:40	
1,2-Dichloroethane-D4	17060-07-0	90	%	80-120	10/28/11 14:40	
Toluene-D8	2037-26-5	104	%	73-132	10/28/11 14:40	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #1	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-013	**Date Collected:** Oct-20-11 08:45	

Analytical Method:	TCLP Mercury by EPA 7470A		**Prep Method:** SW7470P
Tech:	KKO		**% Moisture:**
Analyst:	KKO	**Date Prep:** Oct-28-11 10:30	
Seq Number:	873430		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	<0.000500	0.000500	mg/L	10/28/11 15:03		1

Analytical Method:	TCLP Metals per ICP by SW846 6010B		**Prep Method:** SW3010A
Tech:	MLI		**% Moisture:**
Analyst:	RGF	**Date Prep:** Oct-28-11 14:15	
Seq Number:	873571		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Antimony	7440-36-0	<0.100	0.100	mg/L	10/31/11 12:05		1
Arsenic	7440-38-2	<0.0500	0.0500	mg/L	10/31/11 12:05		1
Barium	7440-39-3	**1.38**	0.0500	mg/L	10/31/11 12:05		1
Beryllium	7440-41-7	<0.0200	0.0200	mg/L	10/31/11 12:05		1
Cadmium	7440-43-9	<0.0250	0.0250	mg/L	10/31/11 12:05		1
Chromium	7440-47-3	<0.0500	0.0500	mg/L	10/31/11 12:05		1
Lead	7439-92-1	<0.0500	0.0500	mg/L	10/31/11 12:05		1
Nickel	7440-02-0	<0.0500	0.0500	mg/L	10/31/11 12:05		1
Selenium	7782-49-2	<0.150	0.150	mg/L	10/31/11 12:05		1
Silver	7440-22-4	<0.100	0.100	mg/L	10/31/11 12:05		1

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-014	**Date Collected:** Oct-20-11 09:45	

Analytical Method: Ignitability Of Solids By SW1030
Tech: KUI
Analyst: KUI
Seq Number: 873577
% Moisture:
Basis: Wet Weight
SUB: AZ0757

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Ignitability		Non-Ignitable	1.68	mm/sec	10/31/11 15:00		1

Analytical Method: Mercury by SW-846 7471A
Tech: KKO
Analyst: KKO
Seq Number: 873412
Prep Method: SW7471P
% Moisture:
Date Prep: Oct-28-11 10:00
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	**0.0192**	0.00926	mg/kg	10/28/11 13:23		1

Analytical Method: Metals per ICP by SW846 6010B
Tech: MLI
Analyst: RGF
Seq Number: 873704
Prep Method: SW3050B
% Moisture:
Date Prep: Oct-31-11 15:00
Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	<4.90	4.90	mg/kg	11/01/11 14:21	D1	5
Barium	7440-39-3	**169**	4.90	mg/kg	11/01/11 14:21	D2	5
Cadmium	7440-43-9	<2.45	2.45	mg/kg	11/01/11 14:21	D1	5
Chromium	7440-47-3	**10.1**	4.90	mg/kg	11/01/11 14:21	D2	5
Lead	7439-92-1	<4.90	4.90	mg/kg	11/01/11 14:21	D1	5
Selenium	7782-49-2	<14.7	14.7	mg/kg	11/01/11 14:21	D1	5
Silver	7440-22-4	<9.80	9.80	mg/kg	11/01/11 14:21	D1	5

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2 **Matrix:** Soil **Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-014 **Date Collected:** Oct-20-11 09:45

Analytical Method: PAHs by EPA 8310 **Prep Method:** SW3550
Tech: CED **% Moisture:**
Analyst: ZHO **Date Prep:** Oct-27-11 16:54 **Basis:** Wet Weight
Seq Number: 873541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acenaphthene	83-32-9	<0.0487	0.0487	mg/kg	10/28/11 21:52	D1	25
Acenaphthylene	208-96-8	<0.0825	0.0825	mg/kg	10/28/11 21:52	D1	25
Anthracene	120-12-7	<0.0502	0.0502	mg/kg	10/28/11 21:52	D1	25
Benzo(a)anthracene	56-55-3	<0.0517	0.0517	mg/kg	10/28/11 21:52	D1	25
Benzo(a)pyrene	50-32-8	<0.0562	0.0562	mg/kg	10/28/11 21:52	D1L2	25
Benzo(b)fluoranthene	205-99-2	<0.0442	0.0442	mg/kg	10/28/11 21:52	D1	25
Benzo(g,h,i)perylene	191-24-2	<0.195	0.195	mg/kg	10/28/11 21:52	D1	25
Benzo(k)fluoranthene	207-08-9	<0.0450	0.0450	mg/kg	10/28/11 21:52	D1	25
Chrysene	218-01-9	<0.0382	0.0382	mg/kg	10/28/11 21:52	D1	25
Dibenz(a,h)Anthracene	53-70-3	<0.0390	0.0390	mg/kg	10/28/11 21:52	D1	25
Fluoranthene	206-44-0	<0.0367	0.0367	mg/kg	10/28/11 21:52	D1	25
Fluorene	86-73-7	<0.0426	0.0426	mg/kg	10/28/11 21:52	D1	25
Indeno(1,2,3-c,d)Pyrene	193-39-5	<0.0426	0.0426	mg/kg	10/28/11 21:52	D1	25
Naphthalene	91-20-3	<0.0277	0.0277	mg/kg	10/28/11 21:52	D1L1	25
Phenanthrene	85-01-8	<0.0382	0.0382	mg/kg	10/28/11 21:52	D1	25
Pyrene	129-00-0	<0.0382	0.0382	mg/kg	10/28/11 21:52	D1	25

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Terphenyl-D14	1718-51-0	0	%	70-130	10/28/11 21:52	S8

Analytical Method: PCBs by EPA 8082 **Prep Method:** SW3550
Tech: LRA **% Moisture:**
Analyst: VIC **Date Prep:** Oct-25-11 11:26 **Basis:** Wet Weight
Seq Number: 873217

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
PCB-1254	11097-69-1	**9.25**	1.67	mg/kg	10/26/11 12:29	D2	100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Decachlorobiphenyl	2051-24-3	120	%	39-125	10/25/11 20:33	
Tetrachloro-m-xylene	877-09-8	100	%	37-124	10/25/11 20:33	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-014	**Date Collected:** Oct-20-11 09:45	

Analytical Method: PCBs by EPA 8082 — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: VIC — **Date Prep:** Oct-25-11 11:26 — **Basis:** Wet Weight
Seq Number: 873217

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	<0.0167	0.0167	mg/kg	10/25/11 20:33		1
PCB-1221	11104-28-2	<0.0167	0.0167	mg/kg	10/25/11 20:33		1
PCB-1232	11141-16-5	<0.0167	0.0167	mg/kg	10/25/11 20:33		1
PCB-1242	53469-21-9	<0.0167	0.0167	mg/kg	10/25/11 20:33		1
PCB-1248	12672-29-6	<0.0167	0.0167	mg/kg	10/25/11 20:33		1
PCB-1260	11096-82-5	<0.0167	0.0167	mg/kg	10/25/11 20:33		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	84	%	37-124	10/25/11 20:33	
Decachlorobiphenyl	2051-24-3	110	%	39-125	10/25/11 20:33	

Analytical Method: TPH by Texas1005 — **Prep Method:** TX1005P
Tech: JAH — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-30-11 16:30 — **Basis:** Wet Weight
Seq Number: 873755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	<50.0	50.0	mg/kg	11/02/11 11:23		1
C12-C28 Diesel Range Hydrocarbons	PHCG1028	**781**	50.0	mg/kg	11/02/11 11:23		1
C28-C35 Oil Range Hydrocarbons	PHCG2835	**961**	50.0	mg/kg	11/02/11 11:23		1
Total TPH 1005	PHC635	**1740**	50.0	mg/kg	11/02/11 11:23		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	70	%	70-130	11/02/11 11:23	
o-Terphenyl	84-15-1	70	%	70-130	11/02/11 11:23	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-014 **Date Collected:** Oct-20-11 09:45

Analytical Method: VOAs by SW-846 8260 **Prep Method:** SW5030B

Tech: JUJ **% Moisture:**

Analyst: CYE **Date Prep:** Oct-28-11 14:08 **Basis:** Wet Weight

Seq Number: 873545

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Bromobenzene	108-86-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Bromochloromethane	74-97-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Bromodichloromethane	75-27-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Bromoform	75-25-2	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Methyl bromide	74-83-9	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
MTBE	1634-04-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
tert-Butylbenzene	98-06-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Sec-Butylbenzene	135-98-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
n-Butylbenzene	104-51-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Carbon Tetrachloride	56-23-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Chlorobenzene	108-90-7	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Chloroethane	75-00-3	<0.00998	0.00998	mg/kg	10/28/11 16:08		1
Chloroform	67-66-3	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Methyl Chloride	74-87-3	<0.00998	0.00998	mg/kg	10/28/11 16:08		1
2-Chlorotoluene	95-49-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
4-Chlorotoluene	106-43-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2-Dibromo-3-Chloropropane	96-12-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Dibromochloromethane	124-48-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2-Dibromoethane	106-93-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Methylene bromide	74-95-3	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2-Dichlorobenzene	95-50-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,3-Dichlorobenzene	541-73-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,4-Dichlorobenzene	106-46-7	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Dichlorodifluoromethane	75-71-8	<0.00499	0.00499	mg/kg	10/28/11 16:08	N1	1
1,2-Dichloroethane	107-06-2	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1-Dichloroethane	75-34-3	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
trans-1,2-dichloroethylene	156-60-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
cis-1,2-Dichloroethylene	156-59-2	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1-Dichloroethene	75-35-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
2,2-Dichloropropane	594-20-7	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,3-Dichloropropane	142-28-9	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2-Dichloropropane	78-87-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
trans-1,3-dichloropropene	10061-02-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1-Dichloropropene	563-58-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
cis-1,3-Dichloropropene	10061-01-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Ethylbenzene	100-41-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Hexachlorobutadiene	87-68-3	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Isopropylbenzene	98-82-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-014 **Date Collected:** Oct-20-11 09:45

Analytical Method: VOAs by SW-846 8260 **Prep Method:** SW5030B

Tech: JUJ **% Moisture:**

Analyst: CYE **Date Prep:** Oct-28-11 14:08 **Basis:** Wet Weight

Seq Number: 873545

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Naphthalene	91-20-3	<0.00998	0.00998	mg/kg	10/28/11 16:08		1
Methylene Chloride	75-09-2	<0.0200	0.0200	mg/kg	10/28/11 16:08		1
n-Propylbenzene	103-65-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Styrene	100-42-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Tetrachloroethylene	127-18-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Toluene	108-88-3	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2,4-Trichlorobenzene	120-82-1	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2,3-Trichlorobenzene	87-61-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1,2-Trichloroethane	79-00-5	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,1,1-Trichloroethane	71-55-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Trichloroethylene	79-01-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Trichlorofluoromethane	75-69-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2,3-Trichloropropane	96-18-4	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,2,4-Trimethylbenzene	95-63-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
1,3,5-Trimethylbenzene	108-67-8	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
Vinyl Chloride	75-01-4	<0.00200	0.00200	mg/kg	10/28/11 16:08		1
o-Xylene	95-47-6	<0.00499	0.00499	mg/kg	10/28/11 16:08		1
m,p-Xylenes	1330-20-7	<0.00998	0.00998	mg/kg	10/28/11 16:08		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	115	%	58-152	10/28/11 16:08	
Dibromofluoromethane	1868-53-7	104	%	74-126	10/28/11 16:08	
1,2-Dichloroethane-D4	17060-07-0	103	%	80-120	10/28/11 16:08	
Toluene-D8	2037-26-5	101	%	73-132	10/28/11 16:08	

Project: Standard List of Methods

XENCO Laboratories

Certificate of Analytical Results 430064

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #2	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-014	**Date Collected:** Oct-20-11 09:45	

Analytical Method: TCLP Mercury by EPA 7470A — **Prep Method:** SW7470P
Tech: KKO — **% Moisture:**
Analyst: KKO — **Date Prep:** Oct-28-11 10:30
Seq Number: 873430

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	<0.000500	0.000500	mg/L	10/28/11 15:18		1

Analytical Method: TCLP Metals per ICP by SW846 6010B — **Prep Method:** SW3010A
Tech: MLI — **% Moisture:**
Analyst: RGF — **Date Prep:** Oct-28-11 14:15
Seq Number: 873571

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Antimony	7440-36-0	<0.100	0.100	mg/L	10/31/11 12:33		1
Arsenic	7440-38-2	<0.0500	0.0500	mg/L	10/31/11 12:33		1
Barium	7440-39-3	**1.90**	0.0500	mg/L	10/31/11 12:33		1
Beryllium	7440-41-7	<0.0200	0.0200	mg/L	10/31/11 12:33		1
Cadmium	7440-43-9	<0.0250	0.0250	mg/L	10/31/11 12:33		1
Chromium	7440-47-3	<0.0500	0.0500	mg/L	10/31/11 12:33		1
Lead	7439-92-1	<0.0500	0.0500	mg/L	10/31/11 12:33		1
Nickel	7440-02-0	<0.0500	0.0500	mg/L	10/31/11 12:33		1
Selenium	7782-49-2	<0.150	0.150	mg/L	10/31/11 12:33		1
Silver	7440-22-4	<0.100	0.100	mg/L	10/31/11 12:33		1

Project: Standard List of Methods

Final 1.000

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-015 **Date Collected:** Oct-20-11 10:45

Analytical Method: Ignitability Of Solids By SW1030
Tech: KUI **% Moisture:**
Analyst: KUI **Basis:** Wet Weight
Seq Number: 873577 SUB: AZ0757

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Ignitability		Non-Ignitable	1.68	mm/sec	10/31/11 15:00		1

Analytical Method: Mercury by SW-846 7471A **Prep Method:** SW7471P
Tech: KKO **% Moisture:**
Analyst: KKO **Date Prep:** Oct-28-11 10:00 **Basis:** Wet Weight
Seq Number: 873412

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	**0.0100**	0.00980	mg/kg	10/28/11 13:27		1

Analytical Method: Metals per ICP by SW846 6010B **Prep Method:** SW3050B
Tech: MLI **% Moisture:**
Analyst: RGF **Date Prep:** Oct-31-11 15:00 **Basis:** Wet Weight
Seq Number: 873704

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Arsenic	7440-38-2	<4.81	4.81	mg/kg	11/01/11 14:27	D1	5
Barium	7440-39-3	**278**	4.81	mg/kg	11/01/11 14:27	D2	5
Cadmium	7440-43-9	<2.40	2.40	mg/kg	11/01/11 14:27	D1	5
Chromium	7440-47-3	**5.96**	4.81	mg/kg	11/01/11 14:27	D2	5
Lead	7439-92-1	<4.81	4.81	mg/kg	11/01/11 14:27	D1	5
Selenium	7782-49-2	<14.4	14.4	mg/kg	11/01/11 14:27	D1	5
Silver	7440-22-4	<9.62	9.62	mg/kg	11/01/11 14:27	D1	5

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-015 **Date Collected:** Oct-20-11 10:45

Analytical Method: PAHs by EPA 8310 **Prep Method:** SW3550

Tech: CED **% Moisture:**

Analyst: ZHO **Date Prep:** Oct-27-11 16:57 **Basis:** Wet Weight

Seq Number: 873541

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Acenaphthene	83-32-9	<0.0975	0.0975	mg/kg	10/28/11 21:18	D1	25
Acenaphthylene	208-96-8	<0.165	0.165	mg/kg	10/28/11 21:18	D1	25
Anthracene	120-12-7	<0.101	0.101	mg/kg	10/28/11 21:18	D1	25
Benzo(a)anthracene	56-55-3	<0.104	0.104	mg/kg	10/28/11 21:18	D1	25
Benzo(a)pyrene	50-32-8	<0.113	0.113	mg/kg	10/28/11 21:18	D1L2	25
Benzo(b)fluoranthene	205-99-2	<0.0885	0.0885	mg/kg	10/28/11 21:18	D1	25
Benzo(g,h,i)perylene	191-24-2	<0.390	0.390	mg/kg	10/28/11 21:18	D1	25
Benzo(k)fluoranthene	207-08-9	<0.0900	0.0900	mg/kg	10/28/11 21:18	D1	25
Chrysene	218-01-9	<0.0765	0.0765	mg/kg	10/28/11 21:18	D1	25
Dibenz(a,h)Anthracene	53-70-3	<0.0780	0.0780	mg/kg	10/28/11 21:18	D1	25
Fluoranthene	206-44-0	<0.0734	0.0734	mg/kg	10/28/11 21:18	D1	25
Fluorene	86-73-7	<0.0852	0.0852	mg/kg	10/28/11 21:18	D1	25
Indeno(1,2,3-c,d)Pyrene	193-39-5	<0.0852	0.0852	mg/kg	10/28/11 21:18	D1	25
Naphthalene	91-20-3	<0.0555	0.0555	mg/kg	10/28/11 21:18	D1L1	25
Phenanthrene	85-01-8	<0.0765	0.0765	mg/kg	10/28/11 21:18	D1	25
Pyrene	129-00-0	<0.0765	0.0765	mg/kg	10/28/11 21:18	D1	25

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Terphenyl-D14	1718-51-0	0	%	70-130	10/28/11 21:18	S8

Analytical Method: PCBs by EPA 8082 **Prep Method:** SW3550

Tech: LRA **% Moisture:**

Analyst: VIC **Date Prep:** Oct-25-11 11:29 **Basis:** Wet Weight

Seq Number: 873217

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
PCB-1254	11097-69-1	**0.383**	0.0832	mg/kg	10/26/11 12:47		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	110	%	37-124	10/26/11 12:47	
Decachlorobiphenyl	2051-24-3	105	%	39-125	10/26/11 12:47	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-015	**Date Collected:** Oct-20-11 10:45	

Analytical Method: PCBs by EPA 8082 — **Prep Method:** SW3550
Tech: LRA — **% Moisture:**
Analyst: VIC — **Date Prep:** Oct-25-11 11:29 — **Basis:** Wet Weight
Seq Number: 873217

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
PCB-1016	12674-11-2	<0.0832	0.0832	mg/kg	10/26/11 12:47		1
PCB-1221	11104-28-2	<0.0832	0.0832	mg/kg	10/26/11 12:47		1
PCB-1232	11141-16-5	<0.0832	0.0832	mg/kg	10/26/11 12:47		1
PCB-1242	53469-21-9	<0.0832	0.0832	mg/kg	10/26/11 12:47		1
PCB-1248	12672-29-6	<0.0832	0.0832	mg/kg	10/26/11 12:47		1
PCB-1260	11096-82-5	<0.0832	0.0832	mg/kg	10/26/11 12:47		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Tetrachloro-m-xylene	877-09-8	100	%	37-124	10/26/11 12:47	
Decachlorobiphenyl	2051-24-3	95	%	39-125	10/26/11 12:47	

Analytical Method: TPH by Texas1005 — **Prep Method:** TX1005P
Tech: JAH — **% Moisture:**
Analyst: JAH — **Date Prep:** Oct-30-11 16:33 — **Basis:** Wet Weight
Seq Number: 873755

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C6-C12 Gasoline Range Hydrocarbons	PHC612	<497	497	mg/kg	11/02/11 14:37	D1	10
C12-C28 Diesel Range Hydrocarbons	PHCG1028	**1360**	497	mg/kg	11/02/11 14:37	D2	10
C28-C35 Oil Range Hydrocarbons	PHCG2835	**6930**	497	mg/kg	11/02/11 14:37	D2	10
Total TPH 1005	PHC635	**8290**	497	mg/kg	11/02/11 14:37	D2	10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	11/02/11 14:37	
o-Terphenyl	84-15-1	90	%	70-130	11/02/11 14:37	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-015 **Date Collected:** Oct-20-11 10:45

Analytical Method: VOAs by SW-846 8260 **Prep Method:** SW5030B

Tech: JUJ **% Moisture:**

Analyst: CYE **Date Prep:** Oct-28-11 14:14 **Basis:** Wet Weight

Seq Number: 873545

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Bromobenzene	108-86-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Bromochloromethane	74-97-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Bromodichloromethane	75-27-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Bromoform	75-25-2	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Methyl bromide	74-83-9	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
MTBE	1634-04-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
tert-Butylbenzene	98-06-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Sec-Butylbenzene	135-98-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
n-Butylbenzene	104-51-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Carbon Tetrachloride	56-23-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Chlorobenzene	108-90-7	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Chloroethane	75-00-3	<0.0490	0.0490	mg/kg	10/28/11 17:14		1
Chloroform	67-66-3	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Methyl Chloride	74-87-3	<0.0490	0.0490	mg/kg	10/28/11 17:14		1
2-Chlorotoluene	95-49-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
4-Chlorotoluene	106-43-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
p-Cymene (p-Isopropyltoluene)	99-87-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2-Dibromo-3-Chloropropane	96-12-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Dibromochloromethane	124-48-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2-Dibromoethane	106-93-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Methylene bromide	74-95-3	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2-Dichlorobenzene	95-50-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,3-Dichlorobenzene	541-73-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,4-Dichlorobenzene	106-46-7	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Dichlorodifluoromethane	75-71-8	<0.0245	0.0245	mg/kg	10/28/11 17:14	N1	1
1,2-Dichloroethane	107-06-2	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1-Dichloroethane	75-34-3	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
trans-1,2-dichloroethylene	156-60-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
cis-1,2-Dichloroethylene	156-59-2	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1-Dichloroethene	75-35-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
2,2-Dichloropropane	594-20-7	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,3-Dichloropropane	142-28-9	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2-Dichloropropane	78-87-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
trans-1,3-dichloropropene	10061-02-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1-Dichloropropene	563-58-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
cis-1,3-Dichloropropene	10061-01-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Ethylbenzene	100-41-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Hexachlorobutadiene	87-68-3	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Isopropylbenzene	98-82-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3 **Matrix:** Soil **Date Received:** Oct-22-11 09:15

Lab Sample Id: 430064-015 **Date Collected:** Oct-20-11 10:45

Analytical Method: VOAs by SW-846 8260 **Prep Method:** SW5030B

Tech: JUJ **% Moisture:**

Analyst: CYE **Date Prep:** Oct-28-11 14:14 **Basis:** Wet Weight

Seq Number: 873545

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Naphthalene	91-20-3	<0.0490	0.0490	mg/kg	10/28/11 17:14		1
Methylene Chloride	75-09-2	<0.0980	0.0980	mg/kg	10/28/11 17:14		1
n-Propylbenzene	103-65-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Styrene	100-42-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1,1,2-Tetrachloroethane	630-20-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1,2,2-Tetrachloroethane	79-34-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Tetrachloroethylene	127-18-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Toluene	108-88-3	**0.0621**	0.0245	mg/kg	10/28/11 17:14		1
1,2,4-Trichlorobenzene	120-82-1	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2,3-Trichlorobenzene	87-61-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1,2-Trichloroethane	79-00-5	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,1,1-Trichloroethane	71-55-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Trichloroethylene	79-01-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Trichlorofluoromethane	75-69-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2,3-Trichloropropane	96-18-4	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,2,4-Trimethylbenzene	95-63-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
1,3,5-Trimethylbenzene	108-67-8	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
Vinyl Chloride	75-01-4	<0.00980	0.00980	mg/kg	10/28/11 17:14		1
o-Xylene	95-47-6	<0.0245	0.0245	mg/kg	10/28/11 17:14		1
m,p-Xylenes	1330-20-7	<0.0490	0.0490	mg/kg	10/28/11 17:14		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	112	%	58-152	10/28/11 17:14	
Dibromofluoromethane	1868-53-7	108	%	74-126	10/28/11 17:14	
1,2-Dichloroethane-D4	17060-07-0	109	%	80-120	10/28/11 17:14	
Toluene-D8	2037-26-5	99	%	73-132	10/28/11 17:14	

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Sample Id: DCS #3	**Matrix:** Soil	**Date Received:** Oct-22-11 09:15
Lab Sample Id: 430064-015	**Date Collected:** Oct-20-11 10:45	

Analytical Method:	TCLP Mercury by EPA 7470A		**Prep Method:** SW7470P
Tech:	KKO		**% Moisture:**
Analyst:	KKO	**Date Prep:** Oct-28-11 10:30	
Seq Number:	873430		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Mercury	7439-97-6	<0.000500	0.000500	mg/L	10/28/11 15:22		1

Analytical Method:	TCLP Metals per ICP by SW846 6010B		**Prep Method:** SW3010A
Tech:	MLI		**% Moisture:**
Analyst:	RGF	**Date Prep:** Oct-28-11 14:15	
Seq Number:	873571		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Antimony	7440-36-0	<0.100	0.100	mg/L	10/31/11 12:39		1
Arsenic	7440-38-2	<0.0500	0.0500	mg/L	10/31/11 12:39		1
Barium	7440-39-3	**1.28**	0.0500	mg/L	10/31/11 12:39		1
Beryllium	7440-41-7	<0.0200	0.0200	mg/L	10/31/11 12:39		1
Cadmium	7440-43-9	<0.0250	0.0250	mg/L	10/31/11 12:39		1
Chromium	7440-47-3	<0.0500	0.0500	mg/L	10/31/11 12:39		1
Lead	7439-92-1	<0.0500	0.0500	mg/L	10/31/11 12:39		1
Nickel	7440-02-0	<0.0500	0.0500	mg/L	10/31/11 12:39		1
Selenium	7782-49-2	<0.150	0.150	mg/L	10/31/11 12:39		1
Silver	7440-22-4	<0.100	0.100	mg/L	10/31/11 12:39		1

Project: Standard List of Methods

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: Mercury by SW-846 7471A — Prep Method: SW7471P
Seq Number: 873412 — Matrix: Solid — Date Prep: 10/28/2011
MB Sample Id: 613312-1-BLK — LCS Sample Id: 613312-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Mercury	<0.0100	0.4	0.397	99	80-120	mg/kg	10/28/11 13:04	

Analytical Method: Mercury by SW-846 7471A — Prep Method: SW7471P
Seq Number: 873412 — Matrix: Soil — Date Prep: 10/28/2011
Parent Sample Id: 430287-001 — MS Sample Id: 430287-001 S — MSD Sample Id: 430287-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.0100	0.1	0.125	125	0.124	124	75-125	1	20	mg/kg	10/28/11 13:12	

Analytical Method: Metals per ICP by SW846 6010B — Prep Method: SW3050B
Seq Number: 873704 — Matrix: Solid — Date Prep: 10/31/2011
MB Sample Id: 613427-1-BLK — LCS Sample Id: 613427-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Arsenic	<0.962	96.2	95.6	99	80-120	mg/kg	11/01/11 13:48	
Barium	<0.962	96.2	110	114	80-120	mg/kg	11/01/11 13:48	
Cadmium	<0.481	96.2	103	107	80-120	mg/kg	11/01/11 13:48	
Chromium	<0.962	96.2	100	104	80-120	mg/kg	11/01/11 13:48	
Lead	<0.962	96.2	100	104	80-120	mg/kg	11/01/11 13:48	
Selenium	<2.88	96.2	103	107	80-120	mg/kg	11/01/11 13:48	
Silver	<1.92	48.1	50.9	106	80-120	mg/kg	11/01/11 13:48	

Analytical Method: Metals per ICP by SW846 6010B — Prep Method: SW3050B
Seq Number: 873704 — Matrix: Soil — Date Prep: 10/31/2011
Parent Sample Id: 430064-013 — MS Sample Id: 430064-013 S — MSD Sample Id: 430064-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Arsenic	<4.81	96.2	85.2	89	88.7	94	75-125	4	20	mg/kg	11/01/11 13:59	
Barium	170	96.2	278	112	506	356	75-125	58	20	mg/kg	11/01/11 13:59	M1R2
Cadmium	<2.40	96.2	101	105	99.9	106	75-125	1	20	mg/kg	11/01/11 13:59	
Chromium	16.2	96.2	105	92	110	99	75-125	5	20	mg/kg	11/01/11 13:59	
Lead	<4.81	96.2	95.7	99	99.7	106	75-125	4	20	mg/kg	11/01/11 13:59	
Selenium	<14.4	96.2	100	104	103	109	75-125	3	20	mg/kg	11/01/11 13:59	
Silver	<9.62	48.1	57.4	119	59.9	127	75-125	4	20	mg/kg	11/01/11 13:59	M1

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: PAHs by EPA 8310 — Prep Method: SW3550
Seq Number: 873541 — Matrix: Solid — Date Prep: 10/27/2011
MB Sample Id: 613225-1-BLK — LCS Sample Id: 613225-1-BKS — LCSD Sample Id: 613225-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Acenaphthene	<0.00195	0.0167	0.0170	102	0.0184	110	20-124	8	25	mg/kg	10/28/11 16:48	N1
Acenaphthylene	<0.00330	0.0167	0.0165	99	0.0134	80	20-139	21	25	mg/kg	10/28/11 16:48	N1
Anthracene	<0.00201	0.0167	0.0159	95	0.0192	115	20-126	19	25	mg/kg	10/28/11 16:48	N1
Benzo(a)anthracene	<0.00207	0.0167	0.0183	110	0.0188	113	12-135	3	25	mg/kg	10/28/11 16:48	N1
Benzo(a)pyrene	<0.00225	0.0167	0.0170	102	<0.00225	0	20-128	200	25	mg/kg	10/28/11 16:48	N1L2R2
Benzo(b)fluoranthene	<0.00177	0.0167	0.0173	104	0.0182	109	6-150	5	25	mg/kg	10/28/11 16:48	N1
Benzo(g,h,i)perylene	<0.00780	0.0167	0.0174	104	0.0182	109	20-116	4	25	mg/kg	10/28/11 16:48	N1
Benzo(k)fluoranthene	<0.00180	0.0167	0.0174	104	0.0184	110	20-159	6	25	mg/kg	10/28/11 16:48	N1
Chrysene	<0.00153	0.0167	0.0173	104	0.0180	108	20-199	4	25	mg/kg	10/28/11 16:48	N1
Dibenz(a,h)Anthracene	<0.00156	0.0167	0.0172	103	0.0180	108	20-110	5	25	mg/kg	10/28/11 16:48	N1
Fluoranthene	<0.00147	0.0167	0.0191	114	0.0185	111	14-123	3	25	mg/kg	10/28/11 16:48	N1
Fluorene	<0.00170	0.0167	0.0164	98	0.0194	116	20-142	17	25	mg/kg	10/28/11 16:48	N1
Indeno(1,2,3-c,d)Pyrene	<0.00170	0.0167	0.0173	104	0.0164	98	20-116	5	25	mg/kg	10/28/11 16:48	N1
Naphthalene	<0.00111	0.0167	0.0155	93	0.0184	110	20-100	17	25	mg/kg	10/28/11 16:48	N1L1
Phenanthrene	<0.00153	0.0167	0.0173	104	0.0201	120	20-155	15	25	mg/kg	10/28/11 16:48	N1
Pyrene	<0.00153	0.0167	0.0177	106	0.0183	110	20-140	3	25	mg/kg	10/28/11 16:48	N1

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Terphenyl-D14	105		122		117		70-130	%	10/28/11 16:48

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3550
Seq Number: 873217 — Matrix: Solid — Date Prep: 10/25/2011
MB Sample Id: 613107-1-BLK — LCS Sample Id: 613107-1-BKS — LCSD Sample Id: 613107-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<0.0166	166	0.153	92	0.157	95	56-121	3	20	mg/kg	10/25/11 18:47	
PCB-1260	<0.0166	166	0.172	104	0.172	104	41-126	0	20	mg/kg	10/25/11 18:47	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	96		101		101		39-125	%	10/25/11 18:47
Decachlorobiphenyl	101		101		101		39-125	%	10/25/11 18:47
Decachlorobiphenyl	91		96		96		39-125	%	10/25/11 18:47
Decachlorobiphenyl	99		96		96		39-125	%	10/25/11 18:47
Tetrachloro-m-xylene	97		101		103		37-124	%	10/25/11 18:47
Tetrachloro-m-xylene	100		101		103		37-124	%	10/25/11 18:47
Tetrachloro-m-xylene	92		95		97		37-124	%	10/25/11 18:47
Tetrachloro-m-xylene	96		95		97		37-124	%	10/25/11 18:47

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Monument Station

Analytical Method: PCBs by EPA 8082 — Prep Method: SW3550
Seq Number: 873217 — Matrix: Soil — Date Prep: 10/25/2011
Parent Sample Id: 430057-001 — MS Sample Id: 430057-001 S — MSD Sample Id: 430057-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
PCB-1016	<0.0218	0.218	0.206	94	0.258	118	56-121	22	20	mg/kg	10/25/11 19:40	R5
PCB-1260	<0.0218	0.218	0.210	96	0.258	118	41-126	21	20	mg/kg	10/25/11 19:40	R5

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Decachlorobiphenyl	103		127	S10	39-125	%	10/25/11 19:40
Decachlorobiphenyl	98		120		39-125	%	10/25/11 19:40
Tetrachloro-m-xylene	84		99		37-124	%	10/25/11 19:40
Tetrachloro-m-xylene	95		114		37-124	%	10/25/11 19:40

Analytical Method: TCLP Mercury by EPA 7470A — Prep Method: SW7470P
Seq Number: 873430 — Matrix: Water — Date Prep: 10/28/2011
MB Sample Id: 613317-1-BLK — LCS Sample Id: 613317-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Mercury	<0.000100	0.004	0.00396	99	80-120	mg/L	10/28/11 14:59	

Analytical Method: TCLP Mercury by EPA 7470A — Prep Method: SW7470P
Seq Number: 873430 — Matrix: Soil — Date Prep: 10/28/2011
Parent Sample Id: 430064-013 — MS Sample Id: 430064-013 S — MSD Sample Id: 430064-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Mercury	<0.000500	0.005	0.00604	121	0.00621	124	75-125	3	20	mg/L	10/28/11 15:06	

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: TCLP Metals per ICP by SW846 6010B — Prep Method: SW3010A
Seq Number: 873571 — Matrix: Water — Date Prep: 10/28/2011
MB Sample Id: 613332-1-BLK — LCS Sample Id: 613332-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
Antimony	<0.0200	1	0.997	100	80-120	mg/L	10/31/11 12:00	
Arsenic	<0.0100	1	0.977	98	80-120	mg/L	10/31/11 12:00	
Barium	<0.0100	1	1.00	100	80-120	mg/L	10/31/11 12:00	
Beryllium	<0.00400	1	1.06	106	80-120	mg/L	10/31/11 12:00	
Cadmium	<0.00500	1	0.981	98	80-120	mg/L	10/31/11 12:00	
Chromium	<0.0100	1	1.01	101	80-120	mg/L	10/31/11 12:00	
Lead	<0.0100	1	1.02	102	80-120	mg/L	10/31/11 12:00	
Nickel	<0.0100	1	1.02	102	80-120	mg/L	10/31/11 12:00	
Selenium	<0.0300	1	1.03	103	80-120	mg/L	10/31/11 12:00	
Silver	<0.0200	0.5	0.483	97	80-120	mg/L	10/31/11 12:00	

Analytical Method: TCLP Metals per ICP by SW846 6010B — Prep Method: SW3010A
Seq Number: 873571 — Matrix: Soil — Date Prep: 10/28/2011
Parent Sample Id: 430064-013 — MS Sample Id: 430064-013 S — MSD Sample Id: 430064-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Antimony	<0.100	5	5.13	103	4.87	97	75-125	5	20	mg/L	10/31/11 12:11	
Arsenic	<0.0500	5	5.17	103	4.93	99	75-125	5	20	mg/L	10/31/11 12:11	
Barium	1.38	5	6.51	103	6.21	97	75-125	5	20	mg/L	10/31/11 12:11	
Beryllium	<0.0200	5	5.24	105	5.03	101	75-125	4	20	mg/L	10/31/11 12:11	
Cadmium	<0.0250	5	4.89	98	4.66	93	75-125	5	20	mg/L	10/31/11 12:11	
Chromium	<0.0500	5	4.91	98	4.71	94	75-125	4	20	mg/L	10/31/11 12:11	
Lead	<0.0500	5	4.97	99	4.76	95	75-125	4	20	mg/L	10/31/11 12:11	
Nickel	<0.0500	5	4.89	98	4.71	94	75-125	4	20	mg/L	10/31/11 12:11	
Selenium	<0.150	5	5.48	110	5.24	105	75-125	4	20	mg/L	10/31/11 12:11	
Silver	<0.100	2.5	2.49	100	2.37	95	75-125	5	20	mg/L	10/31/11 12:11	

Analytical Method: TPH by Texas1005 — Prep Method: TX1005P
Seq Number: 873755 — Matrix: Solid — Date Prep: 10/30/2011
MB Sample Id: 613521-1-BLK — LCS Sample Id: 613521-1-BKS

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	Limits	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<50.0	1000	1050	105	70-135	mg/kg	11/02/11 10:36	
C12-C28 Diesel Range Hydrocarbons	<50.0	1000	950	95	70-135	mg/kg	11/02/11 10:36	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	Limits	Units	Analysis Date
1-Chlorooctane			115		70-130	%	11/02/11 10:36
o-Terphenyl			118		70-130	%	11/02/11 10:36

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: **TPH by Texas1005** Prep Method: TX1005P

Seq Number: 873755 Matrix: Soil Date Prep: 10/30/2011

Parent Sample Id: 430056-001 MS Sample Id: 430056-001 S MSD Sample Id: 430056-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C6-C12 Gasoline Range Hydrocarbons	<50.0	999	798	80	758	76	70-135	5	35	mg/kg	11/02/11 11:02	
C12-C28 Diesel Range Hydrocarbons	<50.0	999	850	85	757	76	70-135	12	35	mg/kg	11/02/11 11:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	106		105		70-130	%	11/02/11 11:02
o-Terphenyl	82		76		70-130	%	11/02/11 11:02

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: VOAs by SW-846 8260 | Prep Method: SW5030B

Seq Number: 873545 | Matrix: Solid | Date Prep: 10/28/2011

MB Sample Id: 613414-1-BLK | LCS Sample Id: 613414-1-BKS | LCSD Sample Id: 613414-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00500	0.05	0.0510	102	0.0533	107	66-142	4	25	mg/kg	10/28/11 19:04	
Bromobenzene	<0.00500	0.05	0.0523	105	0.0536	107	75-125	2	25	mg/kg	10/28/11 19:04	
Bromochloromethane	<0.00500	0.05	0.0544	109	0.0556	111	73-125	2	25	mg/kg	10/28/11 19:04	
Bromodichloromethane	<0.00500	0.05	0.0533	107	0.0571	114	75-125	7	25	mg/kg	10/28/11 19:04	
Bromoform	<0.00500	0.05	0.0466	93	0.0476	95	75-125	2	25	mg/kg	10/28/11 19:04	
Methyl bromide	<0.00500	0.05	0.0566	113	0.0559	112	65-135	1	25	mg/kg	10/28/11 19:04	
MTBE	<0.00500	0.05	0.0625	125	0.0645	129	65-135	3	25	mg/kg	10/28/11 19:04	
tert-Butylbenzene	<0.00500	0.05	0.0538	108	0.0554	111	75-125	3	25	mg/kg	10/28/11 19:04	
Sec-Butylbenzene	<0.00500	0.05	0.0544	109	0.0546	109	75-125	0	25	mg/kg	10/28/11 19:04	
n-Butylbenzene	<0.00500	0.05	0.0536	107	0.0544	109	75-125	1	25	mg/kg	10/28/11 19:04	
Carbon Tetrachloride	<0.00500	0.05	0.0485	97	0.0504	101	62-125	4	25	mg/kg	10/28/11 19:04	
Chlorobenzene	<0.00500	0.05	0.0498	100	0.0516	103	60-133	4	25	mg/kg	10/28/11 19:04	
Chloroethane	<0.0100	0.05	0.0525	105	0.0497	99	65-135	5	25	mg/kg	10/28/11 19:04	
Chloroform	<0.00500	0.05	0.0493	99	0.0513	103	74-125	4	25	mg/kg	10/28/11 19:04	
Methyl Chloride	<0.0100	0.05	0.0548	110	0.0543	109	65-135	1	25	mg/kg	10/28/11 19:04	
2-Chlorotoluene	<0.00500	0.05	0.0530	106	0.0540	108	73-125	2	25	mg/kg	10/28/11 19:04	
4-Chlorotoluene	<0.00500	0.05	0.0526	105	0.0540	108	74-125	3	25	mg/kg	10/28/11 19:04	
p-Cymene (p-Isopropyltoluene)	<0.00500	0.05	0.0541	108	0.0554	111	75-125	2	25	mg/kg	10/28/11 19:04	
1,2-Dibromo-3-Chloropropane	<0.00500	0.05	0.0518	104	0.0500	100	59-125	4	25	mg/kg	10/28/11 19:04	
Dibromochloromethane	<0.00500	0.05	0.0493	99	0.0547	109	73-125	10	25	mg/kg	10/28/11 19:04	
1,2-Dibromoethane	<0.00500	0.05	0.0543	109	0.0582	116	73-125	7	25	mg/kg	10/28/11 19:04	
Methylene bromide	<0.00500	0.05	0.0524	105	0.0559	112	69-127	6	25	mg/kg	10/28/11 19:04	
1,2-Dichlorobenzene	<0.00500	0.05	0.0530	106	0.0538	108	75-125	1	25	mg/kg	10/28/11 19:04	
1,3-Dichlorobenzene	<0.00500	0.05	0.0525	105	0.0534	107	75-125	2	25	mg/kg	10/28/11 19:04	
1,4-Dichlorobenzene	<0.00500	0.05	0.0521	104	0.0539	108	75-125	3	25	mg/kg	10/28/11 19:04	
Dichlorodifluoromethane	<0.00500	0.05	0.0742	148	0.0695	139	65-135	7	25	mg/kg	10/28/11 19:04	N1
1,2-Dichloroethane	<0.00500	0.05	0.0503	101	0.0525	105	68-127	4	25	mg/kg	10/28/11 19:04	
1,1-Dichloroethane	<0.00500	0.05	0.0527	105	0.0539	108	72-125	2	25	mg/kg	10/28/11 19:04	
trans-1,2-dichloroethylene	<0.00500	0.05	0.0488	98	0.0499	100	75-125	2	25	mg/kg	10/28/11 19:04	
cis-1,2-Dichloroethylene	<0.00500	0.05	0.0523	105	0.0537	107	75-125	3	25	mg/kg	10/28/11 19:04	
1,1-Dichloroethene	<0.00500	0.05	0.0545	109	0.0539	108	59-172	1	25	mg/kg	10/28/11 19:04	
2,2-Dichloropropane	<0.00500	0.05	0.0517	103	0.0530	106	75-125	2	25	mg/kg	10/28/11 19:04	
1,3-Dichloropropane	<0.00500	0.05	0.0548	110	0.0593	119	75-125	8	25	mg/kg	10/28/11 19:04	
1,2-Dichloropropane	<0.00500	0.05	0.0486	97	0.0508	102	74-125	4	25	mg/kg	10/28/11 19:04	
trans-1,3-dichloropropene	<0.00500	0.05	0.0433	87	0.0481	96	66-125	11	25	mg/kg	10/28/11 19:04	
1,1-Dichloropropene	<0.00500	0.05	0.0513	103	0.0514	103	75-125	0	25	mg/kg	10/28/11 19:04	
cis-1,3-Dichloropropene	<0.00500	0.05	0.0535	107	0.0589	118	74-125	10	25	mg/kg	10/28/11 19:04	
Ethylbenzene	<0.00500	0.05	0.0519	104	0.0535	107	75-125	3	25	mg/kg	10/28/11 19:04	
Hexachlorobutadiene	<0.00500	0.05	0.0549	110	0.0551	110	75-125	0	25	mg/kg	10/28/11 19:04	
Isopropylbenzene	<0.00500	0.05	0.0521	104	0.0541	108	75-125	4	25	mg/kg	10/28/11 19:04	
Naphthalene	<0.0100	0.05	0.0638	128	0.0644	129	70-130	1	25	mg/kg	10/28/11 19:04	
Methylene Chloride	<0.0200	0.05	0.0467	93	0.0480	96	75-125	3	25	mg/kg	10/28/11 19:04	
n-Propylbenzene	<0.00500	0.05	0.0555	111	0.0560	112	75-125	1	25	mg/kg	10/28/11 19:04	
Styrene	<0.00500	0.05	0.0539	108	0.0565	113	75-125	5	25	mg/kg	10/28/11 19:04	
1,1,1,2-Tetrachloroethane	<0.00500	0.05	0.0549	110	0.0577	115	72-125	5	25	mg/kg	10/28/11 19:04	
1,1,2,2-Tetrachloroethane	<0.00500	0.05	0.0549	110	0.0552	110	74-125	1	25	mg/kg	10/28/11 19:04	

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: VOAs by SW-846 8260 | Prep Method: SW5030B
Seq Number: 873545 | Matrix: Solid | Date Prep: 10/28/2011
MB Sample Id: 613414-1-BLK | LCS Sample Id: 613414-1-BKS | LCSD Sample Id: 613414-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	<0.00500	0.05	0.0480	96	0.0493	99	71-125	3	25	mg/kg	10/28/11 19:04	
Toluene	<0.00500	0.05	0.0492	98	0.0527	105	59-139	7	25	mg/kg	10/28/11 19:04	
1,2,4-Trichlorobenzene	<0.00500	0.05	0.0548	110	0.0560	112	75-135	2	25	mg/kg	10/28/11 19:04	
1,2,3-Trichlorobenzene	<0.00500	0.05	0.0553	111	0.0568	114	75-137	3	25	mg/kg	10/28/11 19:04	
1,1,2-Trichloroethane	<0.00500	0.05	0.0539	108	0.0573	115	75-127	6	25	mg/kg	10/28/11 19:04	
1,1,1-Trichloroethane	<0.00500	0.05	0.0526	105	0.0540	108	75-125	3	25	mg/kg	10/28/11 19:04	
Trichloroethylene	<0.00500	0.05	0.0501	100	0.0518	104	62-137	3	25	mg/kg	10/28/11 19:04	
Trichlorofluoromethane	<0.00500	0.05	0.0589	118	0.0567	113	67-125	4	25	mg/kg	10/28/11 19:04	
1,2,3-Trichloropropane	<0.00500	0.05	0.0560	112	0.0564	113	75-125	1	25	mg/kg	10/28/11 19:04	
1,2,4-Trimethylbenzene	<0.00500	0.05	0.0546	109	0.0560	112	75-125	3	25	mg/kg	10/28/11 19:04	
1,3,5-Trimethylbenzene	<0.00500	0.05	0.0554	111	0.0567	113	70-130	2	25	mg/kg	10/28/11 19:04	
Vinyl Chloride	<0.00200	0.05	0.0576	115	0.0555	111	65-135	4	25	mg/kg	10/28/11 19:04	
o-Xylene	<0.00500	0.05	0.0533	107	0.0560	112	75-125	5	25	mg/kg	10/28/11 19:04	
m,p-Xylenes	<0.0100	0.1	0.103	103	0.107	107	75-125	4	25	mg/kg	10/28/11 19:04	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	99		100		100		58-152	%	10/28/11 19:04
Dibromofluoromethane	95		99		101		74-126	%	10/28/11 19:04
1,2-Dichloroethane-D4	93		100		100		80-120	%	10/28/11 19:04
Toluene-D8	100		97		101		73-132	%	10/28/11 19:04

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: VOAs by SW-846 8260 | Prep Method: SW5030B

Seq Number: 873545 | Matrix: Soil | Date Prep: 10/28/2011

Parent Sample Id: 430064-013 | MS Sample Id: 430064-013 S | MSD Sample Id: 430064-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00500	0.05	0.0604	121	0.0510	102	66-142	17	25	mg/kg	10/28/11 15:02	
Bromobenzene	<0.00500	0.05	0.0664	133	0.0558	112	75-125	17	25	mg/kg	10/28/11 15:02	M1
Bromochloromethane	<0.00500	0.05	0.0640	128	0.0529	106	73-125	19	25	mg/kg	10/28/11 15:02	M1
Bromodichloromethane	<0.00500	0.05	0.0655	131	0.0556	111	75-125	16	25	mg/kg	10/28/11 15:02	M1
Bromoform	<0.00500	0.05	0.0578	116	0.0493	99	75-125	16	25	mg/kg	10/28/11 15:02	
Methyl bromide	<0.00500	0.05	0.0484	97	0.0499	100	65-135	3	25	mg/kg	10/28/11 15:02	
MTBE	<0.00500	0.05	0.0740	148	0.0623	125	65-135	17	25	mg/kg	10/28/11 15:02	M1
tert-Butylbenzene	<0.00500	0.05	0.0556	111	0.0496	99	75-125	11	25	mg/kg	10/28/11 15:02	
Sec-Butylbenzene	<0.00500	0.05	0.0510	102	0.0448	90	75-125	13	25	mg/kg	10/28/11 15:02	
n-Butylbenzene	<0.00500	0.05	0.0453	91	0.0401	80	75-125	12	25	mg/kg	10/28/11 15:02	
Carbon Tetrachloride	<0.00500	0.05	0.0584	117	0.0484	97	62-125	19	25	mg/kg	10/28/11 15:02	
Chlorobenzene	<0.00500	0.05	0.0578	116	0.0507	101	60-133	13	25	mg/kg	10/28/11 15:02	
Chloroethane	<0.0100	0.05	0.0468	94	0.0501	100	65-135	7	25	mg/kg	10/28/11 15:02	
Chloroform	<0.00500	0.05	0.0590	118	0.0498	100	74-125	17	25	mg/kg	10/28/11 15:02	
Methyl Chloride	<0.0100	0.05	0.0473	95	0.0511	102	65-135	8	25	mg/kg	10/28/11 15:02	
2-Chlorotoluene	<0.00500	0.05	0.0627	125	0.0532	106	73-125	16	25	mg/kg	10/28/11 15:02	
4-Chlorotoluene	<0.00500	0.05	0.0619	124	0.0534	107	74-125	15	25	mg/kg	10/28/11 15:02	
p-Cymene (p-Isopropyltoluene)	<0.00500	0.05	0.0520	104	0.0462	92	75-125	12	25	mg/kg	10/28/11 15:02	
1,2-Dibromo-3-Chloropropane	<0.00500	0.05	0.0675	135	0.0548	110	59-125	21	25	mg/kg	10/28/11 15:02	M1
Dibromochloromethane	<0.00500	0.05	0.0655	131	0.0569	114	73-125	14	25	mg/kg	10/28/11 15:02	M1
1,2-Dibromoethane	<0.00500	0.05	0.0675	135	0.0582	116	73-125	15	25	mg/kg	10/28/11 15:02	M1
Methylene bromide	<0.00500	0.05	0.0628	126	0.0546	109	69-127	14	25	mg/kg	10/28/11 15:02	
1,2-Dichlorobenzene	<0.00500	0.05	0.0614	123	0.0538	108	75-125	13	25	mg/kg	10/28/11 15:02	
1,3-Dichlorobenzene	<0.00500	0.05	0.0608	122	0.0527	105	75-125	14	25	mg/kg	10/28/11 15:02	
1,4-Dichlorobenzene	<0.00500	0.05	0.0602	120	0.0527	105	75-125	13	25	mg/kg	10/28/11 15:02	
Dichlorodifluoromethane	<0.00500	0.05	0.0646	129	0.0691	138	65-135	7	25	mg/kg	10/28/11 15:02	N1
1,2-Dichloroethane	<0.00500	0.05	0.0622	124	0.0523	105	68-127	17	25	mg/kg	10/28/11 15:02	
1,1-Dichloroethane	<0.00500	0.05	0.0618	124	0.0513	103	72-125	19	25	mg/kg	10/28/11 15:02	
trans-1,2-dichloroethylene	<0.00500	0.05	0.0580	116	0.0480	96	75-125	19	25	mg/kg	10/28/11 15:02	
cis-1,2-Dichloroethylene	<0.00500	0.05	0.0620	124	0.0519	104	75-125	18	25	mg/kg	10/28/11 15:02	
1,1-Dichloroethene	<0.00500	0.05	0.0632	126	0.0523	105	59-172	19	25	mg/kg	10/28/11 15:02	
2,2-Dichloropropane	<0.00500	0.05	0.0661	132	0.0538	108	75-125	21	25	mg/kg	10/28/11 15:02	M1
1,3-Dichloropropane	<0.00500	0.05	0.0681	136	0.0601	120	75-125	12	25	mg/kg	10/28/11 15:02	M1
1,2-Dichloropropane	<0.00500	0.05	0.0586	117	0.0486	97	74-125	19	25	mg/kg	10/28/11 15:02	
trans-1,3-dichloropropene	<0.00500	0.05	0.0573	115	0.0503	101	66-125	13	25	mg/kg	10/28/11 15:02	
1,1-Dichloropropene	<0.00500	0.05	0.0580	116	0.0489	98	75-125	17	25	mg/kg	10/28/11 15:02	
cis-1,3-Dichloropropene	<0.00500	0.05	0.0670	134	0.0572	114	74-125	16	25	mg/kg	10/28/11 15:02	M1
Ethylbenzene	<0.00500	0.05	0.0585	117	0.0502	100	75-125	15	25	mg/kg	10/28/11 15:02	
Hexachlorobutadiene	<0.00500	0.05	0.0277	55	0.0239	48	75-125	15	25	mg/kg	10/28/11 15:02	M2
Isopropylbenzene	<0.00500	0.05	0.0541	108	0.0468	94	75-125	14	25	mg/kg	10/28/11 15:02	
Naphthalene	<0.0100	0.05	0.0708	142	0.0604	121	70-130	16	25	mg/kg	10/28/11 15:02	M1
Methylene Chloride	<0.0200	0.05	0.0560	112	0.0467	93	75-125	18	25	mg/kg	10/28/11 15:02	
n-Propylbenzene	<0.00500	0.05	0.0603	121	0.0534	107	75-125	12	25	mg/kg	10/28/11 15:02	
Styrene	<0.00500	0.05	0.0629	126	0.0529	106	75-125	17	25	mg/kg	10/28/11 15:02	M1
1,1,1,2-Tetrachloroethane	<0.00500	0.05	0.0660	132	0.0576	115	72-125	14	25	mg/kg	10/28/11 15:02	M1
1,1,2,2-Tetrachloroethane	<0.00500	0.05	0.0713	143	0.0608	122	74-125	16	25	mg/kg	10/28/11 15:02	M1

Kleinfelder, Albuquerque, NM

Monument Station

Analytical Method: VOAs by SW-846 8260 | Prep Method: SW5030B
Seq Number: 873545 | Matrix: Soil | Date Prep: 10/28/2011
Parent Sample Id: 430064-013 | MS Sample Id: 430064-013 S | MSD Sample Id: 430064-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Tetrachloroethylene	<0.00500	0.05	0.0544	109	0.0478	96	71-125	13	25	mg/kg	10/28/11 15:02	
Toluene	<0.00500	0.05	0.0627	125	0.0546	109	59-139	14	25	mg/kg	10/28/11 15:02	
1,2,4-Trichlorobenzene	<0.00500	0.05	0.0515	103	0.0452	90	75-135	13	25	mg/kg	10/28/11 15:02	
1,2,3-Trichlorobenzene	<0.00500	0.05	0.0521	104	0.0454	91	75-137	14	25	mg/kg	10/28/11 15:02	
1,1,2-Trichloroethane	<0.00500	0.05	0.0670	134	0.0582	116	75-127	14	25	mg/kg	10/28/11 15:02	M1
1,1,1-Trichloroethane	<0.00500	0.05	0.0627	125	0.0508	102	75-125	21	25	mg/kg	10/28/11 15:02	
Trichloroethylene	<0.00500	0.05	0.0568	114	0.0479	96	62-137	17	25	mg/kg	10/28/11 15:02	
Trichlorofluoromethane	<0.00500	0.05	0.0511	102	0.0560	112	67-125	9	25	mg/kg	10/28/11 15:02	
1,2,3-Trichloropropane	<0.00500	0.05	0.0736	147	0.0636	127	75-125	15	25	mg/kg	10/28/11 15:02	M1
1,2,4-Trimethylbenzene	<0.00500	0.05	0.0625	125	0.0539	108	75-125	15	25	mg/kg	10/28/11 15:02	
1,3,5-Trimethylbenzene	<0.00500	0.05	0.0608	122	0.0528	106	70-130	14	25	mg/kg	10/28/11 15:02	
Vinyl Chloride	<0.00200	0.05	0.0489	98	0.0527	105	65-135	7	25	mg/kg	10/28/11 15:02	
o-Xylene	<0.00500	0.05	0.0607	121	0.0516	103	75-125	16	25	mg/kg	10/28/11 15:02	
m,p-Xylenes	<0.0100	0.1	0.119	119	0.102	102	75-125	15	25	mg/kg	10/28/11 15:02	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
4-Bromofluorobenzene	106		107		58-152	%	10/28/11 15:02
Dibromofluoromethane	104		100		74-126	%	10/28/11 15:02
1,2-Dichloroethane-D4	96		102		80-120	%	10/28/11 15:02
Toluene-D8	99		102		73-132	%	10/28/11 15:02

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Work Order No: 430064-H

Page 1 of 2

Project Manager:	Bernie Bockisch	Bill to: (if different)	
Company Name:	Kleinfelder	Company Name:	
Address:	9019A - Washington NE	Address:	
City, State ZIP:	Albuquerque NM 87113	City, State ZIP:	
Phone:	505-344-7373	Email:	

Work Order Comments: Fed Ex # 8747 6707 9658

Project Name:	Monument Station
Project Number:	121960
P.O. Number:	
Sampler's Name:	DG 8171

SAMPLE RECEIPT

Temperature (°C):	5.0°C	Temp Blank Present:		
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:
Sample Custody Seals:	Yes	No	N/A	

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

Analysis columns: Number of Containers; Volatile Organics 8260B [X] 624 524.2; Acrolein 8260B 624 Acrylonitrile 2-CEVE; Semi-Volatile Organics 8270 625 (PAH by 8310); Organochlorine Pesticides 8081A 608; Oil & Grease (1664-HEM) / TPH (1664-SGT-HEM) (TX005 - extended to C35) [X]; Metals (See Below) Total [X] Hardness Ca Hardness; Metals (See Below) Dissolved TCLP; Total Hexavalent Cr / Dissolved Hexavalent Cr; Total Cyanide / Amenable (Free) Cyanide; BOD (PCB by 8082); pH Cond. Alk TDS TSS / Cl SO4 F Ortho-P; NO2 NO3 (300.0); NO2+NO3 (353.2); TKN NH3 / COD Total-P; Colilert E. Coli (CFU/MPN) / HPC Fecal (CFU/MPN); Flash point + Ignitability (by 1030); Texas 11 TCLP

TAT: [X] Routine; [ ] Rush - Prelim; [ ] Rush - Final

Prelim Due Date:

Final Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics	Acrolein	Semi-Volatile Organics	Organochlorine Pesticides	Oil & Grease / TPH	Metals Total	Metals Dissolved	Hexavalent Cr	Cyanide	PCB by 8082	pH/Cond./Alk/TDS/TSS	NO2/NO3	NO2+NO3	TKN/COD	Colilert/HPC	Flash point + Ignitability	Texas 11 TCLP		Sample Comments
Dump#1-724		10/20	8:00			✓		✓		✓	✓				✓						✓	✓		
Dump#2-850		10/20	8:15			✓		✓		✓	✓				✓						✓	✓		
Dump#3-702		10/20	8:30			✓		✓		✓	✓				✓						✓	✓		
Dump#4-701		10/20	8:45			✓		✓		✓	✓				✓						✓	✓		
Dump#5-970		10/20	9:00			✓		✓		✓	✓				✓						✓	✓		
Dump#6-1017		10/20	9:15			✓		✓		✓	✓				✓						✓	✓		
Dump#7-999		10/20	9:30			✓		✓		✓	✓				✓						✓	✓		
Dump#8-963		10/20	9:45			✓		✓		✓	✓				✓						✓	✓		
Dump#9-901		10/20	10:00			✓		✓		✓	✓				✓						✓	✓		
Dump#10-804		10/20	10:15			✓		✓		✓	✓				✓						✓	✓		

Total 200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn
Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

Dissolved / TCLP 200.7 / 6010B: (8RCRA circled) 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn
Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	David Gay		2:59 / 10/21/11
2			
3	FedEx	J C Seny	10/22/11 0915

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C.O.C. Serial # 18244

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Work Order No: 430064-H

Page 2 of 2

Project Manager:	Bernie Bockisch	Bill to: (if different)	
Company Name:	Kleinfelder	Company Name:	
Address:	9019 A-Washington NE	Address:	
City, State ZIP:	Albuquerque NM 87113	City, State ZIP:	
Phone:	505-344-7373	Email:	

Work Order Comments

FedEx 8747 6707 9650

Project Name:	Monument Station
Project Number:	121960
P.O. Number:	
Sampler's Name:	

SAMPLE RECEIPT

Temperature (°C):		Temp Blank Present:		
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:
Sample Custody Seals:	Yes	No	N/A	

ANALYSIS REQUEST (PLEASE CHECK METHOD NUMBER)

Number of Containers; Volatile Organics 8260B ☒ 624 ☐ 524.2 ☐; Acrolein 8260B ☐ 624 ☐ / Acrylonitrile 624 ☐ 2-CEVE ☐; Semi-Volatile Organics 8270C ☐ 625 ☐ PAH by 8310; Organochlorine Pesticides 8081A ☐ 608 ☐; Oil & Grease (1664-HEM) / TPH (1664-HEM SGT) TX1005 Extended to C35; Metals (See Below) Total ☐ Hardness ☐ Ca Hardness ☐; Metals (See Below) Dissolved ☐ TCLP ☐; Total Hexavalent Cr / Dissolved Hexavalent Cr; Total Cyanide / Amenable (Free) Cyanide; BOD ☐ PCB by 8082; pH ☐ Cond. ☐ Alk ☐ TDS ☐ TSS ☐ / Cl ☐ SO4 ☐ F ☐ Ortho-P ☐; NO2 ☐ NO3 (300.0) ☐; NO2+NO3 (353.2) ☐; TKN ☐ NH3 ☐ / COD ☐ Total-P ☐; Colilert ☐ E. Coli (CFU/MPN) ☐ / HPC ☐ Fecal (CFU/MPN) ☐; Flashpoint + Ignitability by 1030; Texas 11 TCLP

TAT: ☒ Routine ☐ Rush - Prelim ☐ Rush - Final

Prelim Due Date:

Final Due Date:

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	Number of Containers	Volatile Organics	Acrolein/Acrylonitrile	Semi-Volatile Organics (PAH 8310)	Organochlorine Pesticides	Oil & Grease / TPH (TX1005)	Metals Total	Metals Dissolved	Hexavalent Cr	Cyanide	PCB by 8082	pH/Cond/Alk/TDS/TSS	NO2/NO3	NO2+NO3	TKN/NH3/COD/Total-P	Colilert/HPC	Flashpoint + Ignitability	Texas 11 TCLP	Sample Comments
Dump#11-975		10/20	10:30			✓		✓		✓					✓						✓	✓	
Dump#12-441		10/20	10:45			✓		✓		✓					✓						✓	✓	

Total 200.7 / 6010B: (8RCRA) 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn

Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

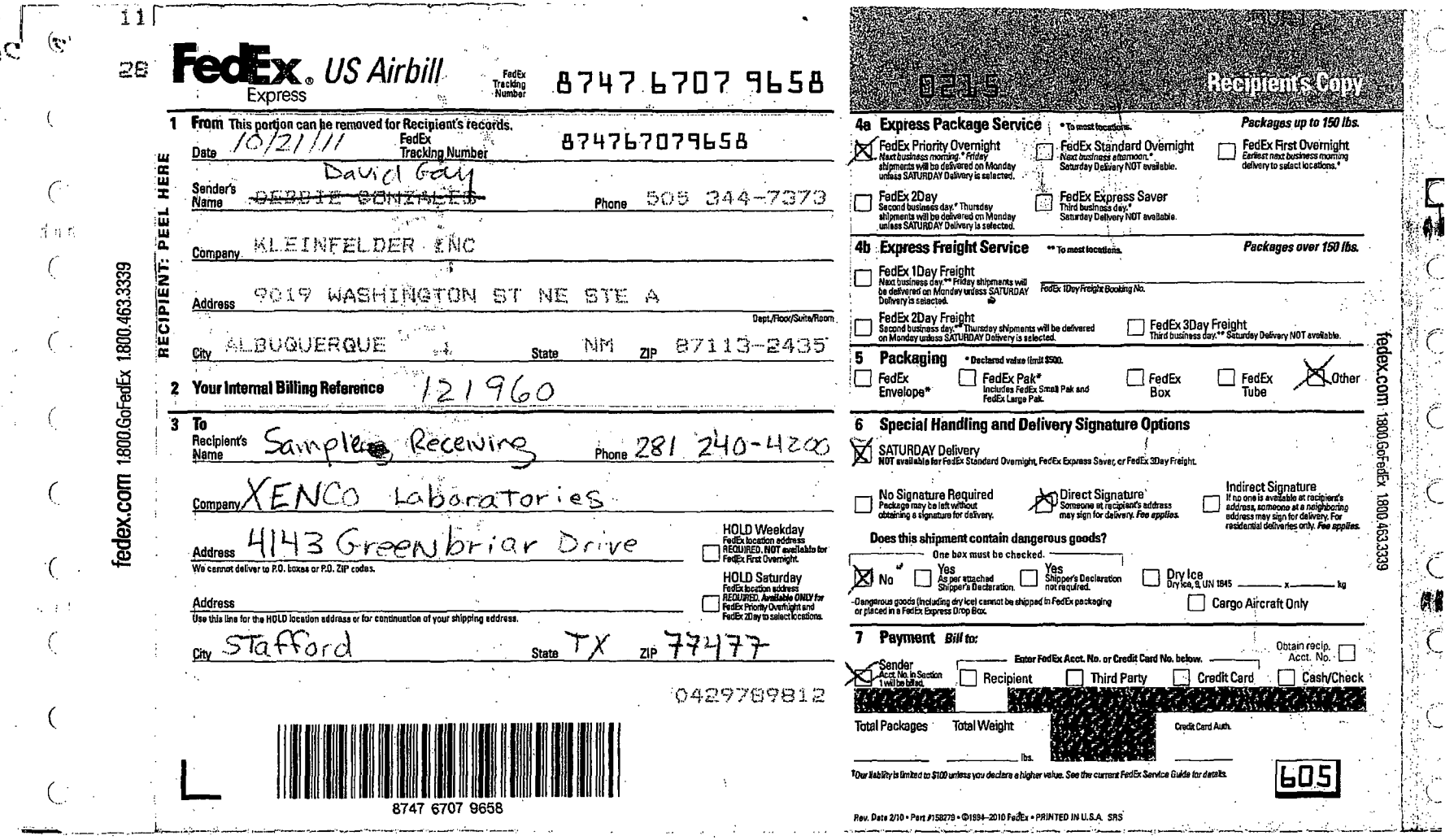
Dissolved / TCLP 200.7 / 6010B: 8RCRA 13PPM Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Tl Sn V Zn

Circle Method(s) and Metal(s) to be analyzed 200.8 / 6020: Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Other: 245.1 / 7470A: Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	David Gay (signature)		2:59/10/21/11
2			
3		(signature)	10/22/11 0915

Upon signing this COC, you accept Xenco terms and conditions unless otherwise agreed upon in writing. Reports are intellectual property of Xenco until paid. Samples will be held 30 days after the final report is emailed unless herby requested. Rush charges and collection fees are pre-approved if necessary.

C.O.C. Serial # 18246



FedEx Express US Airbill

FedEx Tracking Number 8747 6707 9658

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date 10/21/11 FedEx Tracking Number 874767079658

Sender's Name ~~DEBBIE GONZALES~~ David Gay Phone 505 344-7373

Company KLEINFELDER INC

Address 9019 WASHINGTON ST NE STE A Dept./Floor/Suite/Room

City ALBUQUERQUE State NM ZIP 87113-2435

2 Your Internal Billing Reference 121960

3 To

Recipient's Name Samples Receiving Phone 281 240-4200

Company XENCO Laboratories

Address 4143 Greenbriar Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Stafford State TX ZIP 77477

HOLD Weekday FedEx location address REQUIRED. NOT available for FedEx First Overnight.

HOLD Saturday FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

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4a Express Package Service * To most locations. Packages up to 150 lbs.

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
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- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service ** To most locations. Packages over 150 lbs.

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling and Delivery Signature Options

- [X] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [X] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

- [ ] Cargo Aircraft Only

7 Payment Bill to:

- [X] Sender — Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

Total Packages ____ Total Weight ____ lbs. Credit Card Auth. ____

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Inter-Office Shipment #: 1007915

Date/Time: 10/24/11 15:11
Lab# From: **Houston**
Lab# To: **Phoenix**

Created by: Jose Londono
Delivery Priority:
Air Bill No.:

Please send report to: Skip Harden
Address:
Phone:
E-Mail: skip.harden@xenco.con

Sample Id	Matrix	Client Sample Id	Sample Collection	Method	Method Name	Lab Due	HT Due	Lab PM	Bottle / Preservative
430064-013	S	DCS #1	10/20/11 08:45	SW1030	Ignitability Of Solids By SW1030	10/28/11	11/19/11	WWH	
430064-014	S	DCS #2	10/20/11 09:45	SW1030	Ignitability Of Solids By SW1030	10/28/11	11/19/11	WWH	
430064-015	S	DCS #3	10/20/11 10:45	SW1030	Ignitability Of Solids By SW1030	10/28/11	11/19/11	WWH	

Inter Office Shipment or Sample Comments:

Relinquished By: John F. Londono
Jose Londono

Received By:

Date/ Time Received: 10/25/11 0930

Date/ Time Relinquished: 10/24/2011

Cooler Temperature: 3.6

Analytical Report 435432

for

Kleinfelder

Project Manager: Bernard Bockisch

Monument station

27-MAR-12

Collected By: Client

XENCO Laboratories

Celebrating 20 Years of commitment to excellence in Environmental Testing Services

4143 Greenbriar Dr., Stafford, TX 77477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona(AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)
Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)

27-MAR-12

Project Manager: **Bernard Bockisch**
Kleinfelder
9019 Washington NM, Suite A
Albuquerque, NM 87113

Reference: XENCO Report No: **435432**
Monument station
Project Address:

Bernard Bockisch :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 435432. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 435432 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Skip Harden
Project Manager

CASE NARRATIVE

XENCO Laboratories

Client Name: Kleinfelder
Project Name: Monument station

Project ID:
Work Order Number: 435432

Report Date: 27-MAR-12
Date Received: 01/20/2012

Sample receipt non conformances and comments:
This report was revised to include the results for C28-C35.

Sample receipt non conformances and comments per sample:

None

Flagging Criteria

Arizona Flags

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 3.0 9/20/2007. Data qualifiers (flags) contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

D2 Sample required dilution due to high concentration of target analyte.

M3 The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

Sample Cross Reference 435432

Kleinfelder, Albuquerque, NM

Monument station

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
B1-20	S	01-17-12 08:40	20 ft	435432-001
B1-30	S	01-17-12 09:00	20 ft	435432-002
B1-35	S	01-17-12 09:20	20 ft	435432-003
B1-40	S	01-17-12 09:40	20 ft	435432-004
B2-20	S	01-17-12 12:00	20 ft	435432-005
B2-30	S	01-17-12 12:30	20 ft	435432-006

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B1-20	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-001	**Date Collected:** Jan-17-12 08:40	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:27	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	**754**	6.66	mg/kg	01/25/12 12:31	M3	1
C28-C35 Oil Range Hydrocarbons	PHCG2835	**594**	6.66	mg/kg	01/25/12 12:31	M3	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	119	%	40-130	01/25/12 12:31	

Project: El Paso work

XENCO Laboratories

Certificate of Analytical Results 435432

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B1-30	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-002	**Date Collected:** Jan-17-12 09:00	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:36	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	**2.96**	1.66	mg/kg	01/25/12 13:39		1
C28-C35 Oil Range Hydrocarbons	PHCG2835	**5.25**	1.66	mg/kg	01/25/12 13:39		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	107	%	40-130	01/25/12 13:39	

Project: El Paso work

XENCO Laboratories

Certificate of Analytical Results 435432

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B1-35	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-003	**Date Collected:** Jan-17-12 09:20	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:39	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C28-C35 Oil Range Hydrocarbons	PHCG2835	**128**	33.3	mg/kg	01/25/12 15:34	D2	20
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	**1180**	33.3	mg/kg	01/25/12 15:34	D2	20

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	118	%	40-130	01/25/12 15:34	

Project: El Paso work

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B1-40	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-004	**Date Collected:** Jan-17-12 09:40	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:42	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C28-C35 Oil Range Hydrocarbons	PHCG2835	<1.67	1.67	mg/kg	01/25/12 14:25		1
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	<1.67	1.67	mg/kg	01/25/12 14:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	96	%	40-130	01/25/12 14:25	

Project: El Paso work

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B2-20	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-005	**Date Collected:** Jan-17-12 12:00	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:45	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	<1.66	1.66	mg/kg	01/25/12 14:48		1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<1.66	1.66	mg/kg	01/25/12 14:48		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	97	%	40-130	01/25/12 14:48	

Project: El Paso work

Kleinfelder, Albuquerque, NM

Monument station

Sample Id: B2-30	**Matrix:** Soil	**Date Received:** Jan-20-12 09:30
Lab Sample Id: 435432-006	**Date Collected:** Jan-17-12 12:30	**Sample Depth:** 20 ft

Analytical Method:	TPH DRO by EPA 8015D		**Prep Method:** SW3550
Tech:	CED		**% Moisture:**
Analyst:	RGF	**Date Prep:** Jan-24-12 13:48	**Basis:** Wet Weight
Seq Number:	880256		SUB: TX104704215

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
C10-C28 Diesel Range Hydrocarbons	C10C28DRO	<1.66	1.66	mg/kg	01/25/12 15:11		1
C28-C35 Oil Range Hydrocarbons	PHCG2835	<1.66	1.66	mg/kg	01/25/12 15:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
Pentacosane	629-99-2	99	%	40-130	01/25/12 15:11	

Project: El Paso work

Kleinfelder, Albuquerque, NM

Monument station

Analytical Method: TPH DRO by EPA 8015D — Prep Method: SW3550
Seq Number: 880256 — Matrix: Solid — Date Prep: 01/24/2012
MB Sample Id: 616872-1-BLK — LCS Sample Id: 616872-1-BKS — LCSD Sample Id: 616872-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C10-C28 Diesel Range Hydrocarbons	<1.66	33.3	30.1	90	29.3	88	70-135	3	35	mg/kg	01/25/12 11:45	
C28-C35 Oil Range Hydrocarbons	<1.66	16.6	17.3	104	15.9	96	70-135	8	35	mg/kg	01/25/12 11:45	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
Pentacosane	114		117		118		40-130	%	01/25/12 11:45

Analytical Method: TPH DRO by EPA 8015D — Prep Method: SW3550
Seq Number: 880256 — Matrix: Soil — Date Prep: 01/24/2012
Parent Sample Id: 435432-001 — MS Sample Id: 435432-001 S — MSD Sample Id: 435432-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
C10-C28 Diesel Range Hydrocarbons	754	133	757	2	643	0	70-135	16	35	mg/kg	01/25/12 12:54	M3
C28-C35 Oil Range Hydrocarbons	594	66.6	621	41	518	0	70-135	18	35	mg/kg	01/25/12 12:54	M3

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
Pentacosane	119		86		40-130	%	01/25/12 12:54

Project: El Paso work

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

XENCO Laboratories

☐ 4143 Greenbriar Drive, Stafford, TX 77477 **281-240-4200**
☐ 5332, Blackberry Drive, San Antonio, TX 78238 **210-509-3334**
☐ 9701 Harry Hines Blvd., Dallas, TX 75220 **214-902-0300**
☐ 12600 West I-20 East, Odessa, TX 79765 **432-563-1800**

Serial #: 315102 Page 1 of 1

Company-City: KLEINFELDER ALBUQUERQUE **Phone:** 505-344-7373

Lab Only: 435432

Project Name-Location: MONUMENT STATION ☐ Previously done at XENCO **Project ID**

TAT: ASAP 5h 12h 24h 48h 3d 5d 7d (10d) 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj. State: TX, AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, UT Other

Proj. Manager (PM): BERNARD BOCKISCH

E-mail Results to ☒ PM and **Fax No:** 505-344-1711

Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O.
Bill to: EL PASO NATURAL GAS

Quote/Pricing: **P.O. No:** ☐ Call for P.O.

Reg Program: UST DRY-CLEAN Land-Fill Waste-Disp NPDES DW **TRRP** QAPP Per-Contract CLP AGCEE NAVY DOE DOD USACE OTHER:

Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)

Sampler Name BERNARD BOCKISCH **Signature** [signature]

Analyses column headings: VOA: Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs; VOA: PP TCL DW Appdx-1 Appdx-2 CALL Other:; PAHs SIM 8310 8270; TX-1005 DRO GRO MA EPH MA VPH; SVOCs: Full-List DW BN&AE TCLP PP Appdx-2 CALL; OC Pesticides PCBs Herbicides OP Pesticides; Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx2; SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs); EDB / DBCP; TPH - DRO RANGE EPA 8015M; TATASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d; Addn: PAH above mg/L W, mg/Kg S Highest Hit; Hold Samples (Surcharges will apply and are pre-approved); Sample Clean-ups are pre-approved as needed

#	Sample ID	Sampling Date	Time	Depth (ft)	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	TPH - DRO RANGE EPA 8015M	Remarks
1	B1-20	1/17/12	8:40	20	S		✓	1	4oz	C	C	✓	
2	B1-30	1/17/12	9:00	30	S		✓	1	4	C	C	✓	
3	B1-35	1/17/12	9:20	35	S		✓	1	4	C	C	✓	
4	B1-40	1/17/12	9:40	40	S		✓	1	4	C	C	✓	
5	B2-20	1/17/12	12:00	20	S		✓	1	4	C	C	✓	
6	B2-30	1/17/12	12:30	30	S		✓	1	4	C	C	✓	
7													
8													
9													
10													

#	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) BB [signature]	1/18/12 / 1345	2) [signature]	1/20/12 9:30
2	3)		4)	
3	5)		6)	

Total Containers per COC: Cooler Temp: 3.5 °C

Otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved if needed.

Preservatives: Various (**V**), HCl pH<2 (**H**), H2SO4 pH<2 (**S**), HNO3 pH<2 (**N**), Asbc Acid&NaOH (**A**), ZnAc&NaOH (**Z**), (Cool, <4C) (**C**), None (**NA**), See Label (**L**), Other (**O**)
Cont. Size: 4oz (**4**), 8oz (**8**), 32oz (**32**), 40ml VOA (**40**), 1L (**1**), 500ml (**5**), Tedlar Bag (**B**), Various (**V**), Other **Cont. Type:** Glass Amb (**A**), Glass Clear (**C**), Plastic (**P**), Various (**V**)
Matrix: Air (**A**), Product (**P**), Solid (**S**), Water (**W**), Liquid (**L**)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

From: (505) 344-7373
Katie Knights
Kleinfelder
9019 Washington St NE
Building A
Albuquerque, NM 87113

Origin ID: ABQA

FedEx Express

J1120110805022S

Ship Date: 19JAN12
ActWgt: 10.0 LB
CAD: 100040135/INET3210

Dims: 12 X 8 X 11 IN

Delivery Address Bar Code

Ref # 121960/1
Invoice #
PO #
Dept #

SHIP TO: (281) 240-4200

April Brandon
XENCO Laboratories
4143 Greenbriar Dr

Stafford, TX 77477

BILL SENDER

FRI - 20 JAN A2
PRIORITY OVERNIGHT

TRK# 7931 3607 0740
0201

77477
TX-US
IAH

XH SGRA

50FG2/A78E/F5F4

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic valueof the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

APPENDIX B

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Windway
Generator's Phone: 432-333-5518 Odessa TX 79761

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. 5 miles SW of Monument 3 miles West of Hwy 80 & Hwy 32

6. Transporter 1 Company Name: Chemical Transportation Inc. — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd.
Facility's Phone: 806-655-4776 Canyon TX 79015 — U.S. EPA ID Number: 5121 SW

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	BM	16	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information: All #5121113378 Exp date 11-3-12 1023 Bin #

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Jason Gutierrez — Signature — Month 11 Day 28 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jerry Garcia — Signature — Month 11 Day 28 Year 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09) TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 155 N Wind Way Odessa TX 79761
Generator's Phone: 432-333-5510
Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. 5 miles SW of Monument NM 3 miles West of Hwy 8 @ Milepost 222

6. Transporter 1 Company Name: Chemical Translation Inc. — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Allied Waste Lea/Eli 20700 Helium Rd. Carlsbad NM 88220
Facility's Phone: 806 655-4776 Canyon TX 79015 — U.S. EPA ID Number: 5121 SLW

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: Appt # 5121118378 Exp date 11-3-12 Bin # 1017

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Lara — Signature: [signature] — Month: 11 Day: 27 Year: 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jose Garcia — Signature: [signature] — Month: 11 Day: 29 Year: 11

Transporter 2 Printed/Typed Name: E — Signature: — Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] — Signature: [signature] — Month: 11 Day: 29 Year: 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Wind Way Odessa TX 79761

Generator's Phone: 432-333-5578

Generator's Site Address (if different than mailing address): El Paso N Natl Gas Co. 5 miles S W of Monument NM 3 miles West of Hwy 8 & 8011 Hwy 32

6. Transporter 1 Company Name: Chemical Transportation Inc. — U.S. EPA ID Number: TX K000033175

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015 — U.S. EPA ID Number: 5121 SW.

Facility's Phone: 806-655-4776

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non Hazardous Waste Solid (Petroleum Impacted Soil)	1	Cm	16	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
APP # 5121118378
Exp date 11-3-12 BW #999

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Long — Signature: Ernest Long — Month 11 Day 29 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Albert Holguin — Signature: Holg — Month 11 Day 29 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Mike Alcumena — Signature: Mike Alcumena — Month 11 Day 29 Year 11

169-BLC-O 6 10498 (Rev. 9/09) — TRANSPORTER #1

Side labels: GENERATOR, INT'L, TRANSPORTER, DESIGNATED FACILITY

Track# 889

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Windway Odessa TX 79761

Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. Monument 5 miles SW of Monument N.M. 3 miles West of Hwy 8 @ 8501 Hwy ...

6. Transporter 1 Company Name: Chemical Transportation Inc — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015 — U.S. EPA ID Number: 5121SW

Facility's Phone: 806-655-4776

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

App # 5121118378
Exp. date 11-3-12
Bin # 970

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Jesus Gutierrez — Signature: [signature] — Month 11 Day 28 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Alberto Holguin — Signature: [signature] — Month 11 Day 28 Year 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [handwritten name] — Signature: [signature] — Month 11 Day 28 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 9/09) TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-414-7077	4. Waste Tracking Number

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Windway
Generator's Phone: 432-333-5518 Odessa TX 79761

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. Monument St. 5 miles SW of Monument NM 3 miles West of Hwy 8 @ 8501 S. Hwy 322

6. Transporter 1 Company Name: Chemical Transportation Inc. — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd.
Facility's Phone: 806 655-4776 Canyon TX 79015 — U.S. EPA ID Number: 5121SW

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: APP# 5121118378 EX Date 11-3-12 Bin # 941

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Bill Savage — Signature — Month: 11 Day: 21 Year: 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.: Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Joey Galvan — Signature — Month: 11 Day: 21 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number — Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Keepers — Signature — Month: 11 Day: 21 Year: 11

GENERATOR — TRANSPORTER — INT'L — DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone 888-444-7077

4. Waste Tracking Number 11762 RJC

5. Generator's Name and Mailing Address El Paso Natural Gas Co. 1550 Wind Way Odessa TX 79761

Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address) El Paso Natural Gas Co. Monument 154 5 Miles SW of Monument NM 3 Miles South of Hwy 8 @ 8501 S. Hwy 322

6. Transporter 1 Company Name Chemical Transportation Inc.

U.S. EPA ID Number TXR000033175

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015

U.S. EPA ID Number 5121 SW

Facility's Phone: 806-655-4776

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

APP # 5121111 8378

Exp Date 11-3-12

Bin # 975

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name Bill Savage

Signature

Month 11 Day 21 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Joel Garcia

Signature

Month 11 Day 21 Year 11

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

1351

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month 11 Day 21 Year 11

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 9/09)

TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Windway Odessa TX 79761
Generator's Phone: 432-333-5519
Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. Monument St 5 miles SW of Monument N.M. 3 miles W on Hwy 8. @ 8501 S. Hwy 322

6. Transporter 1 Company Name: Chemical Transportation Inc
U.S. EPA ID Number: TXR000033775

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015
U.S. EPA ID Number: 5121 SW
Facility's Phone: 806-655-4776

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. Non Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
APP# 5121111837B
Bin # 901
EXP Date 11-3-12

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: B. Savage
Signature:
Month: 11 Day: 22 Year: 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rudy Tork
Signature:
Month: 11 Day: 22 Year: 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name:
Signature:
Month: 11 Day: 23 Year: 11

169-BLC-0 6 10498 (Rev. 9/09) TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-414-7077	4. Waste Tracking Number 5-11762 BJC

GENERATOR

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Windway Odessa TX 79761
Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. Monument Station 5 miles S.W. of monument N.M., 3 miles W. of Hwy 8 @ 8501 S. Hwy 322

6. Transporter 1 Company Name: Chemical Transportation Inc.
U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX. 79015
Facility's Phone: 806-655-4776
U.S. EPA ID Number: 5121 S.W

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1. Non Hazardous Waste Solid Petroleum Impacted Soil	01	CM	16	Y	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
AFE # 512111 8378
Exp. date 11-3-12
bin 884

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Bill Savage
Signature
Month 11 Day 30 Year 11

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. ✓ Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rudy Tena
Signature
Month 11 Day 21 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month 11 Day 21 Year 11

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number 4-11762 RJC

GENERATOR

5. Generator's Name and Mailing Address: El Paso Natural Gas Co. 1550 Wind Way Odessa TX 79761
Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. Monument St. 5 miles SW of Monument N.M. 3 miles West of Hwy. 8 @ 8501 S. Hwy 322

6. Transporter 1 Company Name: Chemical Transportation Inc
U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015
Facility's Phone: 806-655-4776
U.S. EPA ID Number: 5121 SW

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
App. # 51211118378
Exp. Date 11-3-12
Bin # 702

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Shawn Murphy
Signature
Month 11 Day 18 Year 11

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rudy Tena
Signature
Month 11 Day 18 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Mike Kenyon
Signature
Month 11 Day 18 Year 11

NON-HAZARDOUS WASTE MANIFEST

tor ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
		888-444-7077	3-11762 RJC

GENERATOR

5. Generator's Name and Mailing: El Paso Natural Gas Co. 1550 Windway Odessa TX 79761
Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address): El Paso Natural Gas Co - 5 miles S.W. Of Monument N.M, 3 miles West of Hwy 8 @ 3501 South Hwy 322

6. Transporter 1 Company Name: Chemical Transportation Inc. — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Allied Waste Landfill 20700 Helium Rd. Canyon TX 79015
Facility's Phone: 806-655-4776 — U.S. EPA ID Number: 5121 SW

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid Petroleum Impacted Soil	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Appl. # 512111 8378
Exp. date 11-3-112
Bin # 101

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Long El Paso Nat. Gas — Signature: [signature] — Month 11 Day 17 Year 11

INT'L

15. International Shipments: ☒ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rudy Tuna — Signature: [signature] — Month 11 Day 17 Year 11

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible] — Signature: [signature] — Month 11 Day 17 Year 11

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 888-494-7077

4. Waste Tracking Number: 1-11762BIC 1014093

GENERATOR

5. Generator's Name and Mailing Address
El Paso Natural Gas Company
1550 Windway
Odessa TX 79761
Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address)
El Paso Natural Gas Company-monument St A.
5miles sw of monument N.M. 3 miles W.
of Hwy 8 & 2501 S. Hwy 322

6. Transporter 1 Company Name
Chemical Transportation Inc

U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Allied waste landfill
20700 Helium Road
Canyon, TX 79015
Facility's Phone: 806-655-4776

U.S. EPA ID Number: 5121 S.W.

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON Hazardous waste Solid Petroleum-Impacted Soil	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Approval Number: 5121118378
Expiration Date: 11/03/12

Bin# 963

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Lowe El Paso Nat. Gas
Signature: [signature]
Month: 11 Day: 17 Year: 11

INT'L

15. International Shipments ☑ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Robin Lowe
Signature: [signature]
Month: 11 Day: 17 Year: 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: [illegible]
Signature: [signature]
Month: 11 Day: 18 Year: 11

169-BLC-05 11977 (Rev. 9/09)

TRANSPORTER #1

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			888-444-7077	2-11762RJC

GENERATOR

5. Generator's Name and Mailing Address
El Paso Natural Gas Company
1550 Windway
Odessa TX 79761
Generator's Phone: 432-333-5518

Generator's Site Address (if different than mailing address)
El Paso Natural Gas Co. Monument St.
5 miles SW. of Monument N.M 3 miles SW. of Hwy 8 @ 2501 S. Hwy 322

6. Transporter 1 Company Name
Chemical Transportation Inc.

U.S. EPA ID Number
TXR000033175

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Allied Waste Landfill
20700 Helium Rd.
Canyon TX. 79015
Facility's Phone: 806-655-4771

U.S. EPA ID Number
5121 SW

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid (Petroleum Impacted Soil)	01	CM	16	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Approval # 5121111B378
Exp. date: 11-3-12
Bin # 724

INT'L

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Lara - El Paso Nat. Gas
Signature: Ernest Lara
Month: 11 Day: 16 Year: 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Rudy Tenc
Signature:
Month: 11 Day: 16 Year: 11

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month: Day: Year:

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 888-444-7077	4. Waste Tracking Number 1-11762RTC

5. Generator's Name and Mailing Address
El Paso Natural Gas Company
1550 Windway • 8
Odessa TX 79761
Generator's Phone: 432-333-5512

Generator's Site Address (if different than mailing address)
El Paso Natural Gas Company (Monument Sta.)
5 miles SW of Monument N.M., 3 miles W. of Hwy 8 @ 2501 S. Hwy 322

6. Transporter 1 Company Name
Chemical Transportation Inc.
U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Allied Waste Landfill
8670 Helium Road
Sunray, TX 79015
Facility's Phone: 806-655-4776
U.S. EPA ID Number: 5121 S.W.

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non Hazardous waste Solid Petroleum - Impacted soil	01	CM	16	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
Approval Number: 5121112378
Expiration Date: 11/03/12
Bin # 850

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ernest Long El Paso Nat Gas
Signature: [signature] Month 11 Day 16 Year 11

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ruben Torres Signature: [signature] Month 11 Day 16 Year 11
Transporter 2 Printed/Typed Name: Signature: Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year
322

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Mike Reynero Signature: [signature] Month 11 Day 16 Year 11

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
		888 444 7077	008177023 JJK

GENERATOR

5. Generator's Name and Mailing Address: El Paso Natural Gas Co., 1550 Windway, Odessa TX. 432-333-5578
Generator's Phone:
Generator's Site Address (if different than mailing address): El Paso Natural Gas Co. [illegible] Monument NM, Monument NM.

6. Transporter 1 Company Name: Chemical Transportation — U.S. EPA ID Number: TXR000033175

7. Transporter 2 Company Name: — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Southwest Landfill, 11000 Holcomb Rd., Odessa TX. — U.S. EPA ID Number:
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non Hazardous Soil Cutting.			4 Dm.		
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile # 5121118378

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
On Behalf of EPNG Albert Halgren	[signature]	2	17	12

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Albert Halgren	[signature]	2	17	12
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name	Signature	Month	Day	Year
[illegible]		[illegible]	[illegible]	12

APPENDIX C

KLEINFELDER
Bright People. Right Solutions.

Soil Boring Log

Sheet 1 of 1

Date		Project	Borehole No.
Started: 1/17/2012	Rig Type: CME 75	EPNG - Monument Station	B-1
Completed: 1/17/2012	Driller: Dave Tanner		
Backfilled: 1/17/2012	Drilling Co: EDI	Drill Method: HSA	Project Number: 121960
Latitude: 32.60653	Longitude: 103.30789	Ground Elevation: Not surveyed	Logged By: C. Vallejo

Sample Type: G - Grab Sample; CS - 3.5" I.D. Continuous Sampler; SPT - 2" O.D. 1.38" I.D. Tube Sample; CUT - Cuttings; NR - No Recovery; DP - Macropore sampler 1.5" I.D. 4' long

Groundwater

Depth (ft)	Hour	Date
40		1/17/2012

Groundwater Depth (ft.)	Depth (ft.)	Graphical Log	Sample Taken	Sample Type	Sample Depth (ft)	Petroflag (ppm)	Analytical Sample Number	Visual Classification
	0							FILL - SAND LEAN CLAY (SC)- fine to medium sand, soft, light tan, moist
	8.0'							SANDY SILT (ML)- fine sand, medium firm to very hard, light reddish brown, dry
	10			SPT	10		S-1	Could not take Petroflag reading at 10 ft bgs sample; too many fines in soil sample
	20			SPT	20	150 ppm	S-2	With fine to coarse, subrounded to subangular gravel from 21 to 30 ft bgs
	25							Driller noted increase drilling resistance at 26 ft bgs
	30			SPT	30	12 ppm	S-3	
	35			SPT	35		S-4	Gray, hydrocarbon odor at 35 ft bgs
▽	40			SPT	40	6 ppm	S-5	Groundwater observed at 40 ft bgs
	41.5'							Total Depth 41.5'

121960 BH LOG \ LIBRARY KLEINFELDER ALB PLOG.GLB \ 121960_MONUMENT STATION.GPJ

KLEINFELDER
Bright People. Right Solutions.

Soil Boring Log

Sheet 1 of 1

Date		Rig Type: CME75	Project: EPNG - Monument Station	Borehole No.: B-2
	Started: 1/17/2012			
	Completed: 1/17/2012	Driller: Dave Tanner		
	Backfilled: 1/17/2012	Drilling Co: EDI	Drill Method: HSA	Project Number: 121960
Latitude: 32.60668		Longitude: 103.30826	Ground Elevation: Not surveyed	Logged By: C. Vallejo

Sample Type: G - Grab Sample; CS - 3.5" I.D. Continuous Sampler; SPT - 2" O.D. 1.38" I.D. Tube Sample; CUT - Cuttings; NR - No Recovery; DP - Macropore sampler 1.5" I.D. 4' long

Groundwater

Depth (ft)	Hour	Date
Not observed		

Groundwater Depth (ft.)	Depth (ft.)	Graphical Log	Sample Taken	Sample Type	Sample Depth (ft)	Petroflag (ppm)	Analytical Sample Number	Visual Classification
	0							FILL - SANDY LEAN CLAY (SC)- fine sand, soft, light tan, moist
	5							
	10			SPT	10	25 ppm	S-1	10.0' SANDY SILT (ML)- fine sand, soft, with calcareous material, light tan, dry
	15							
	20			SPT	20	2 ppm	S-2	Hard, lightly cemented at 20 ft bgs
	25							
	30			SPT	30	24 ppm	S-3	Very hard, reddish brown at 30 ft bgs
								31.5' Total Depth 31.5'

121960 BH LOG \ LIBRARY KLEINFELDER ALB PLOG.GLB \ 121960_MONUMENT STATION.GPJ