| Distnet I | | | | State | e of N | lew Me | xico | | | | Form C-141 |
|--|--|-------------|---------------|----------------------|---------|-----------------|--|-------------|-------------|-------------------------------|------------------------|
| 1625 N French Dr | 1625 N French Dr., Hobbs, NM 88240 Energy Minerals and | | | | nd Natu | ral Resource | es | | Re | evised June 10, 2003 | |
| District II | | | | | | | | | | | |
| 1301 W Grand Ave | enue, Artesia, NM 8 | 8210 | | | | | | | | | |
| Distric III | Distric III Oil Conser | | | | | ation D | vivision | | | Submit 2 C | Copies to appropriate |
| 1000 Rio Brazos Ro | 1000 R10 Brazos Road, Aztec, NM 87410 1220 South | | | | uth S | St. Frai | ncis Dr. | | | District | Office in accordance |
| District IV Santa Fe | | | | a Fe. | NM 87 | 7505 | | | wi | th Rule 116 on back | |
| | 1220 S St. Francis Dr., Santa Fe, NM 87505 | | | | , | 1 11/2 0 / | 000 | | | · · | side of form. |
| | | | Rel | ease Notifica | tion | and Co | rrective Ac | tion | | | |
| | OF | PERATO | | | | | | | 🗌 Initia | Report IFin | al Report |
| Name of Compa | | | | poration | | Contact | | Natalie | Gladder | | |
| Address | P.O. Box 1 | 849 | E | unice, NM 88231 | | Telepho | one No. | 575-39 | -4186 | | |
| Facility Name | ···· | L | ckhart I | 3-14 004 | | Facility | Туре | Tank B | attery | | |
| Surface Owner | Private | - Lucill | e Bryant | J Mineral | Owne | r | | | | API No. 30 | -025-06576 |
| | | | | LOCAT | ION | OF RE | LEASE | | | | |
| Unit Letter | Section | Tow | nship | Range | Feet | from | Feet from | Longi | tude-W | Latitude-N | County |
| н | 14 | 2 | | 37E | Nort | h Line | East Line | 103 | .1283 | 32,4812 | Lea |
| | 14 | - | | | | | | | .1205 | 524012 | |
| | | | | NATUI | RE O | | | | | | |
| Type of Release | | | | | | | e of Release | | Volume | Recovered | |
| Crude Oil and | | er | | | | Greate | and the second | bbl | | 0 | bbl |
| Source of Relea | | 1 * | | | | | | | Date and | and Hour of Discovery | |
| Produced Wate Was Immediate | | viine | | | · | Unknown Unknown | | | <u>/n</u> | | |
| was inineurate | YES | ПNO | Г | Not Required | | NA | | | | | |
| By Whom? | | | | Inorrequied | | Date an | d Hour | | ···· | | |
| Was a Watercou | urse Reached? | | | | | | Volume Impa | cting the | Watercou | urse | |
| | | YES | | М О | | NA | | Ũ | | | |
| If a Watercours | e was Impacted, | Describ | e Fully* | | | | | | | | |
| | | | | | | | | | | | i |
| | | | | | | | | | | | |
| Describe Cause | of Problem and | Remedi | al Action | Takan * | | | | | | | |
| 1 . | | | | ire and extent of | subsu | rface cont | amination indic | ates signi | ficant pro | oduced water lea | ikage over time. |
| either from a sto | | | | | | | | | . | | , |
| Describe Area | Affected and Cle | anup Ac | tion Take | n. * | | | | | | | |
| | | - | | | carbo | ns, produ | ced water (chlo | rides) and | t iron sulf | fide (from H ₂ S r | eaction with iron |
| in soil). Remedia | | | | | | | | | | | |
| was closed with a | | | | | | | | | | | |
| I hereby certify that required to report ar | | | | | | | | | | | ons all operators are |
| | | | | | | | | ••• | | | igate and remediate |
| contamination that | pose a threat to grou | ind water, | surface wat | er, human health or | the env | riron ment. | - | | | | t relieve the operator |
| of responsibility for | compliance with an | y other fee | leral, state, | or local laws and/or | regulat | ions | | | | | |
| | 7 | | | | | | | | | | |
| Signature: | hhi | (| 0-1 | Λ | | | OIL | CONSE | RVATIO | <u>N DIVISION</u> | |
| <u> </u> | ptale | (J | YOIde | en | | - | | | 3-10 | shuton | |
| Printed Name: | ť | Natal | ie Glad | den | | Annes | ad by District | | AIMEN | TAL ENGIN | |
| ······ | | | | ····· | | Appiov | eu by District | auther visa | | IAL LIVUIN | |
| Title: | Environm | ental Te | ch - Peri | nian Basin Wes | st. | Annmy | al Date: (0. | 6.08 | Expirati | on Date: 🗕 | |
| E Mail A 11 | | | | | | | ons of Approva | | RP#17 | | 1 |
| E-Mail Address | : Na | tane.Gla | aa en(a)us | a.apachecorp.con | a | | . 1 | C | | | |
| Date: | 9/29/2008 | Phone: | 5 | 575-390-4186 | | 1 | | | | | Attached |
| | <i>JI & JI &</i> UUO | 1 110/10, | | | | | | | | | |

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LOCKHART B-14 004 BATTERY

C141 CLOSURE REPORT

API 30-025-06576

UL-H (SE¼ OF THE NE¼) OF SECTION 14 T21S R37E LATITUDE: N 32° 28.870' LONGITUDE: W 103° 07.700' ~3.5 MILES NE (BEARING 30°) OF EUNICE

LEA COUNTY, NEW MEXICO

NMOCD RP # 1710

September 29, 2008

PROJECT COMPLETED FOR APACHE CORPORATION BY:



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1.0 Project Summary

| Release Site Name: | Lockhart B-14 004 Battery | | | | |
|--|-------------------------------|---------------------|--|--|--|
| Operating Company: Apache Corporation | | | | | |
| Company Representative: Natalie Gladden, Environmental Tech Phone: 575-390-4186 | | | | | |
| Address: PO Box 1849, Eunice, NM 88231 Email: Natalie.Gladden@usa.apachecorp.com | | | | | |
| Remediation Company: | ELKE Environmental, Inc Hobbs | Phone: 575-738-0138 | | | |

SITE SPECIFIC DATA:

| Legal Description: | Lea County, Ne | ew Mexico | UL-H Section 14 T21S R37E |
|-----------------------------|-----------------|----------------|---------------------------|
| General Location: | 3.5 miles NE (3 | 30°) of Eunice | , NM. |
| Latitude: N32º 28.870' | Longitude: W1 | 03° 07.700' | Elevation: 3,475-ft amsl |
| Land Ownership: | Private | | |
| Ground Water Elevation: | >150' | | |
| Water Wells within 1000-ft: | None S | Surface Water | r within 1000-ft: None |

RELEASE SPECIFIC DATA:

| Date and Time of Release(s): | Unknown (his | torical release) |
|------------------------------|----------------------------|--------------------------------------|
| Material Released: | Crude Oil and | Produced Water |
| Volume Released: | >25-bbl | Volume Recovered: 0-bbl |
| Cause of Release: | Leaking storag | ge tank and/or flow line |
| Release Affected Area: | ~5,625-ft ² (75 | ' X 75') |
| Depth of Contamination: | >25-ft bgs | |
| NMOCD Site Ranking: | 0 (ground wate | er >100' below lowest contamination) |
| Demediation Action Longle | TDU. 5000 mm | m. Dongono, 10 mm. DTEV. 50 mm. |

Remediation Action Levels: TPH: 5000-ppm; Benzene: 10-ppm; BTEX: 50-ppm; Cl-250-ppm

REMEDIATION:

Approximately 6-inches of contaminated soil (~ 100 -vd³) was removed from surface of the abandoned battery at the east end of the location and stockpiled on the west side for disposal. The bottom of this battery area was sampled at 5 points yielding undetectable TPH and chloride levels in the range 80 to 320-ppm. 2300-yd³ of visibly contaminated soil was excavated from the highly contaminated center of the west release area (50' X 50' X 20' depth) and disposed of at J&L Land Farm. After field analyses of the bottom and sides of the 20-ft excavation, it was extended to a depth of 24-ft bgs with a 75' X 75' surface dimension. The 24-ft bottom was sampled at 2 points and the sidewalls were sampled at 6 points. Analytical results indicated that the TPH had been eliminated from the bottom and sidewalls, the chlorides had been eliminated from the sidewalls. The chlorides, however, had increased at the 24-ft bottom to 3600-ppm. This excavated soil was stockpiled and blended with clean backfill (2320-yd³) obtained from J&L Land Farm. Six (6) random samples of this blended backfill material were submitted to Cardinal Laboratories and analyzed for TPH and chlorides. Results were consistent in the ranges 1400 to 2000-ppm TPH and 500 to 600-ppm total chlorides. With NMOCD approval, the excavation was backfilled with the blended material and then lined with an 85' X 85' (5-ft overlap on all sides) 20-mil polyethylene liner at the 4-ft bgs level. The liner was then covered up to surface level with clean topsoil salvaged from the east portion of the location.

2.0 Detailed Site Description

2.1 Geological Description

<u>The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and</u> <u>Ground-Water Conditions in Southern Lea County, New Mexico," A. Nicholson and A.</u> <u>Clebsch, 1961</u>, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments, i.e., fine to medium sand, with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil." The release site is located in the Eunice Plain physiographic subdivision, described by Nicholson & Clebsch as "covered almost entirely by reddish-brown dune sand. In some places the underlying surface consists of alluvial sediments – most commonly calcareous silt in buried valleys or Quaternary lake basins. It has a general southeast slope toward Monument Draw." The sand cover is generally 2 to 5-ft thick, but can be 20 - 30-ft thick in localized drift areas.

2.2 Ecological Description

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Querqus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses, flowering annuals and flowering perennials. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, Amphibians, and Birds are numerous and typical of the area. A survey of Listed, Threatened, or Endangered species was not conducted.

2.3 Area Ground Water

Based on the Chevron-Texaco contour map (*Plate 4 of Attachments*), depth to ground water is indicated to be 25-ft to 50-ft below ground surface (bgs). Based on evidence provided by the drilling foreman of a rig working concurrently with this project, no ground water exists in this area. There is an abandoned windmill approximately 2200-ft east of the site that is dry. The area west of SH18 was surveyed for windmills and none were found. The data used to plot the contour map for this area is historical and probably not valid for the purpose of generating a computer plot of water depth.

2.4 Area Water Wells

There are no recorded or observed water wells within 1000 horizontal feet of the site.

2.5 Area Surface Water Features

No permanent surface water bodies exist within 1000 horizontal feet of the site.

3.0 Contaminant and Size of Area

The primary Contaminants of Concern (COCs) were petroleum hydrocarbons and total chlorides resulting from the long term release of storage tank and/or flow line contents. The contaminated area was \sim 5,600-ft² on the west side of the abandoned facility.

4.0 NMOCD Site Ranking

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

- Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)
- Unlined Surface Impoundment Closure Guidelines (February 1993)

Acceptable thresholds for contaminants/constituents of concern (CoCs), i.e., TPH^{8015m}, Benzene, and the mass sum of Benzene, Toluene, Ethyl Benzene, and total Xylenes (BTEX⁸²⁶⁰), was determined based on the NMOCD Ranking Criteria as follows:

- Depth to Ground water, i.e., distance from the lower most acceptable concentration to the ground water.
- Wellhead Protection Area, i.e., distance from fresh water supply wells.
- Distance to Surface Water Body, i.e., horizontal distance to all down gradient surface water bodies.

Based on the proximity of the site to area water wells, surface water bodies, and depth to ground water from the lower most contamination, the NMOCD ranking score for the site is 0 points with the soil remedial goals highlighted in the Site Ranking Table.

| 1. GROUND WATER | | 2. WELLHEAD PROTECTION | 3. DISTANCE TO SURFACE WATE | |
|---|------------------|---|--|--|
| DEPTH TO GW <50 FEET: 20 POINTS DEPTH TO GW 50 TO 99 FEET: 10 POINTS DEPTH TO GW >100 FEET: 0 POINTS GROUND WATER SCORE = 0 | | 20 POINTS <200' FROM PRIVATE DOMESTIC | | |
| | | WATER SOURCE: 20 POINTS | 200-1000 HORIZONTAL FEET: 10 POINTS | |
| | | IF >1000' FROM WATER SOURCE, OR; >200' FROM PRIVATE DOMESTIC WATER SOURCE: 0 POINTS | >1000 HORIZONTAL FEET: 0 POINTS | |
| | | WELLHEAD PROTECTION SCORE= 0 | SURFACE WATER SCORE= 0 | |
| | | SITE RANK (1+2+3) = 0 + 0 + 0 = 0 POINTS | | |
| | TOTAL SITE RANKI | NG SCORE AND ACCEPTABLE REMEDIAL GOAL | CONCENTRATIONS | |
| PARAMETER | 20+ | 10 | 0 | |
| BENZENE | 10 PPM | 10 PPM | 10 PPM | |
| BTEX | 50 PPIN | 50 PPI4 | 50 PPM | |
| TPH | 100 PPM | 1000 PPM | 5000 PPM | |

SITE RANKING TABLE

5.0 Remediation Process

Approximately 6-inches of contaminated soil (~ 100 -yd³) was removed from surface of the abandoned battery at the east end of the location and stockpiled on the west side for disposal. The bottom of this battery area was sampled at 5 points yielding undetectable TPH and chloride levels in the range 80 to 320-ppm. 2300-yd³ of visibly contaminated soil was excavated from the

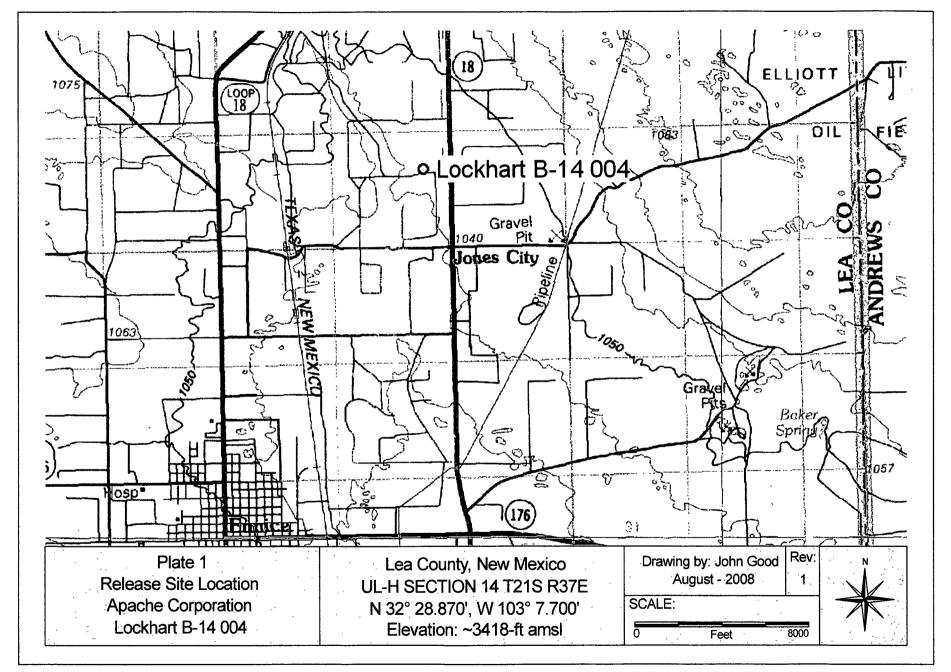
Apache Lockhart B-14 004Battery

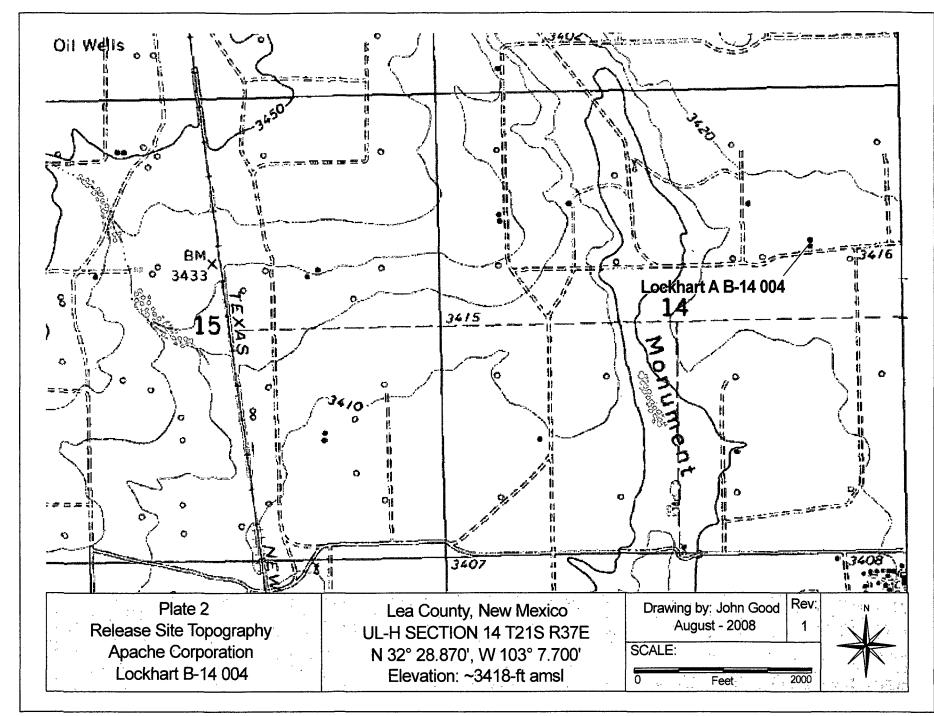
highly contaminated center of the west release area (50' X 50' X 20' depth) and disposed of at J&L Land Farm. After field analyses of the bottom and sides of the 20-ft excavation, it was extended to a depth of 24-ft bgs with a 75' X 75' surface dimension. The 24-ft bottom was sampled at 2 points and the sidewalls were sampled at 6 points. Analytical results indicated that the TPH had been eliminated from the bottom and sidewalls, the chlorides had been eliminated from the sidewalls. The chlorides, however, had increased at the 24-ft bottom to 3600-ppm. This excavated soil was stockpiled and blended with clean backfill (2320-yd³) obtained from J&L Land Farm. Six (6) random samples of this blended backfill material were submitted to Cardinal Laboratories and analyzed for TPH and chlorides. Results were consistent in the ranges 1400 to 2000-ppm TPH and 500 to 600-ppm total chlorides. With NMOCD approval, the excavation was backfilled with the blended material and then lined with an 85' X 85' (5-ft overlap on all sides) 20-mil polyethylene liner at the 4-ft bgs level. The liner was then covered up to surface level with clean topsoil salvaged from the east portion of the location.

Based upon the information and data presented within this C141 Closure Document, Apache Corporation requests that NMOCD require "no further action" regarding the historical hydrocarbon and produced water releases at the Lockhart B-14 004 Well and Battery location.

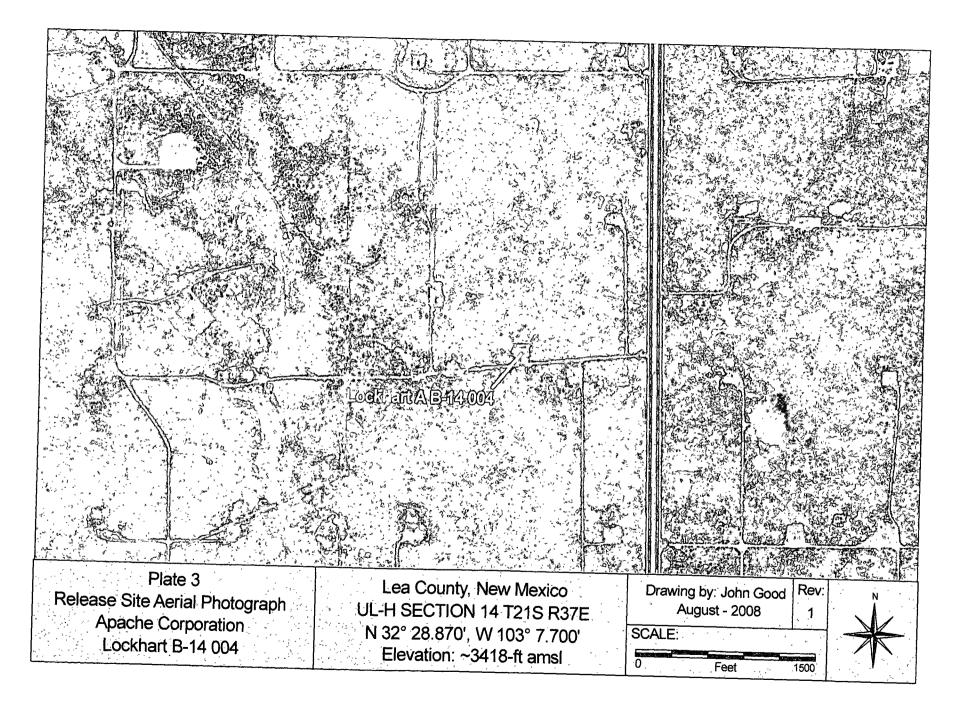
ATTACHMENTS

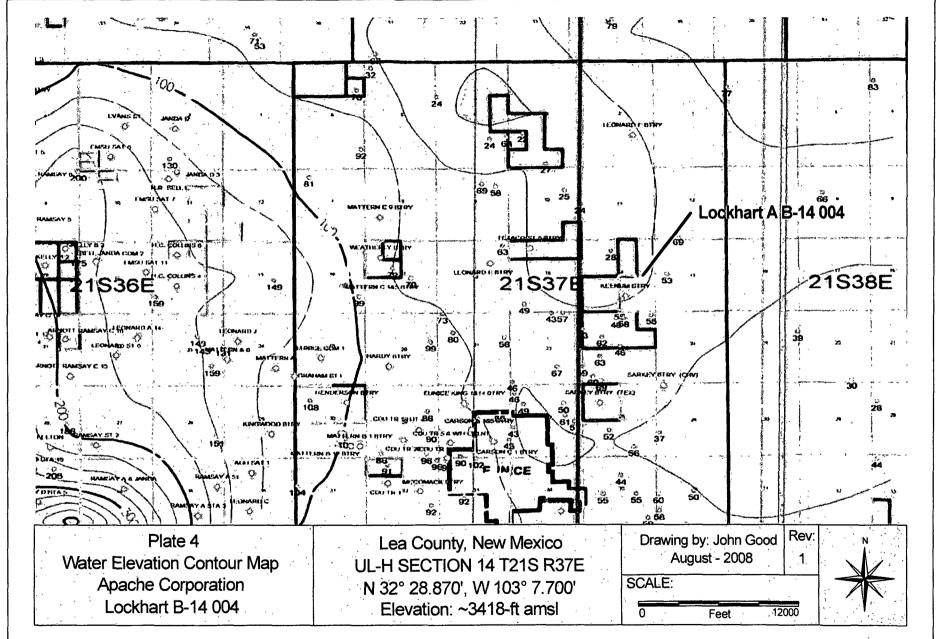
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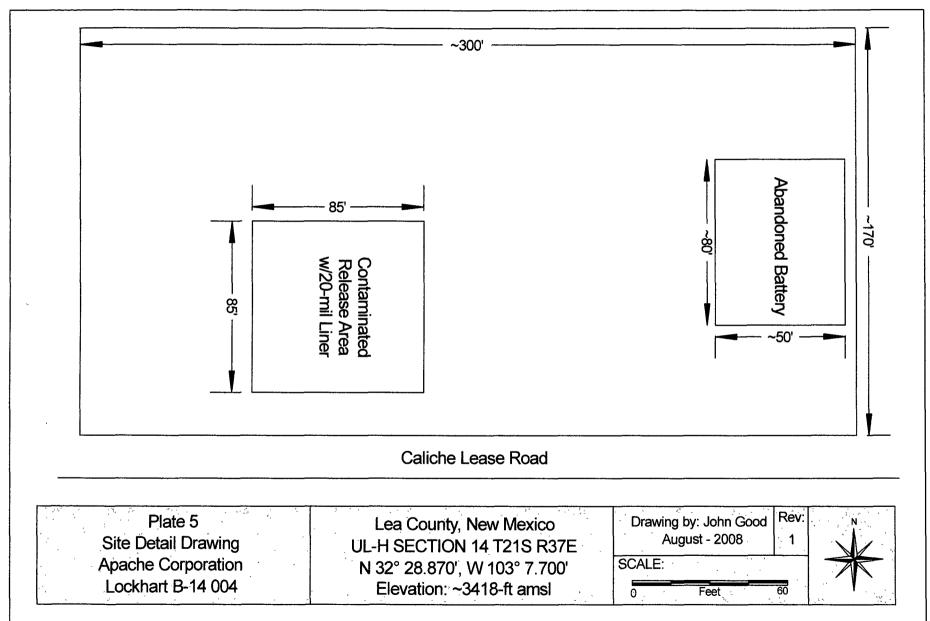




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| Sample | Sample | Sample | ORO ² | DRO ³ | ТРН ⁴ | BTEX ^S | Chicriste |
|--------------------------------|------------|--------------------|------------------|------------------|------------------|-------------------|-----------|
| Date | Location | Oepth ¹ | mg/Kg | mgiKg | mgKg | mgiKg | mg/Kg |
| | ł | ABANDONED TA | NK BATTERY A | REA (EAST SID | E OF LOCATION | ļ | |
| 1/7/08 | BATT-NE | 6'' | <10 | · <10 | <20 | .006* | 80 |
| 1/7/08 | BATT-NW | 6'' | <10 | <10 | <20 | .006* | 144 |
| 1/7/08 | BATT-SW | 6'' | <10 | <10 | <20 | .006* | 32 |
| 1/7/08 | BATT-SE | 6'' | <10 | <10 | <20 | .006* | 320 |
| 1/7/08 | BATT-CTR | 6'' | <10 | <10 | <20 | .006* | 128 |
| ****************************** | **** | CONTAMINATE | D RELEASE AR | EA (WEST SIDE | OF LOCATION | | |
| 1/7/08 | BOTTOM | 20-FT | 139 | 1810 | 1949 | 4.414' | 32 |
| 1/14/08 | BOTTOM-1 | 24-FT | <10 | <10 | <20 | NT | 3680 |
| 1/14/08 | BOTTOM-2 | 24-FT | <10 | <10 | <20 | NT | 3640 |
| 1/15/08 | SIDEWALL-1 | 19-FT | <10 | 33 6 | <43.6 | NT | 112 |
| 1/15/08 | SIDEWALL-2 | 19-FT | <10 | <10 ⁻ | <20 | NT | 112 |
| 1/15/08 | SIDEWALL-3 | 19-FT | <10 | <10 | <20 | NT | 128 |
| 1/15/08 | SIDEWALL-4 | 19-FT | <10 | <10 | <20 | NT | 112 |
| 1/15/08 | SIDEWALL-5 | 19-FT | <10 | <10 | <20 | NT | 112 |
| 1/15/08 | SIDEWALL-6 | - 19-FT | <10 | <10 | <20 | NT | 112 |
| 1/15/08 | BLEND-1 | SURFACE | <10 | 1620 | 1630 | NT | 560 |
| 1/15/08 | BLEND-2 | SURFACE | <10 | 1820 | 1830 | NT , | 560 |
| 1/15/08 | BLEND-3 | SURFACE | <10 | 1540 | 1550 | NT | 544 |
| 1/15/08 | BLEND-4 | SURFACE | <10 | 1960 | 1970 | NT | 528 |
| 1/15/08 | BLEND-5 | SURFACE | <10 | 1420 | 1430 | NT | 576 |
| 1/15/08 | BLEND-6 | SURFACE | <10 | 1720 | 1730 | NT . | 528 |

bys (below ground surface), "Gasoline Range Organics (delection limit = 10 mg/kg), "Lifesel Range Organics (delection limits = 10 mg/kg), "1PH = sum of GRO-DRO. Note: Detection limits are considered "de minimus" values and are included in TPH and BTEX summations. BTEX[®] Sum of Benzene, Toluene, Ethyl Benzene and Xylenes (regulatory limit = 50 mg/kg). "Indicates that the Benzene component was tess than the regulatory limit of 5.0 mg/kg.



ANALYTICAL RESULTS FOR ELKE ENVIRONMENTAL, INC. ATTN: JOHN GOOD P.O. BOX 1830 HOBBS, NM 88241 FAX TO: (575) 738-0140

Receiving Date: 01/07/08 Reporting Date: 01/08/08 Project Owner: APACHE CORP Project Name: LOCKHART B 14 004 Project Location: T21S R37E S14 Sampling Date: 01/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: BC/KS

| | GRO. | DRO | |
|----------------------|------------------------------------|--------------------------------------|---------|
| | (C ₆ -C ₁₀) | (>C ₁₀ -C ₂₈) | CI* |
| LAB NUMBER SAMPLE ID | (mg/Kg) | (mg/Kg) | (mg/Kg) |

| ANALYSIS DATE | 01/07/08 | 01/07/08 | 01/07/08 |
|-----------------------------|----------|----------|----------|
| H14026-1 BATT - NE | <10.0 | <10.0 | 80 |
| H14026-2 BATT - NW | <10.0 | <10.0 | 144 |
| H14026-3 BATT - SW | <10.0 | <10.0 | 32 |
| H14026-4 BATT - SE | <10.0 | <10.0 | 320 |
| H14026-5 BATT - CENTER | <10.0 | <10.0 | 128 |
| Quality Control | 828 | 818 | 500 |
| True Value QC | 800 | 800 | 500 |
| % Recovery | 103 | 102 | 100 |
| Relative Percent Difference | 4.1 | 0.2 | <0.1 |

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

uff Cooke

H14026A2 ELKE

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiniates or successors ansing out of or related to the performance of services. Here affiniates of whether such claim is based upon any of the above-stated reasons or otherwise.



ANALYTICAL RESULTS FOR ELKE ENVIRONMENTAL, INC. ATTN: JOHN GOOD P.O. BOX 1830 HOBBS, NM 88241 FAX TO: (575) 738-0140

Receiving Date: 01/07/08 Reporting Date: 01/08/08 Project Owner: APACHE CORP Project Name LOCKHART B 14 004 Project Location: T21S R37E S14 Sampling Date: 01/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB

| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | ETHYL BENZENE (mg/Kg) | TOTAL XYLENES (mg/Kg) |
|------------------------|---------------|--------------------|--------------------|-----------------------------|-----------------------------|
| ANALYSIS DA | ΓE | 01/07/08 | 01/07/08 | 01/07/08 | 01/07/08 |
| H14026-1 | BATT - NE | <0.001 | <0.001 | <0.001 | <0.003 |
| H14026-2 | BATT - NW | <0.001 | <0.001 | <0.001 | < 0.003 |
| H14026-3 | BATT - SW | <0.001 | <0.001 | <0.001 | <0.003 |
| H14026-4 | BATT - SE | <0.001 | <0.001 | <0.001 | <0.003 |
| H14026-5 | BATT - CENTER | <0.001 | <0.001 | <0.001 | <0.003 |
| Quality Control | | 0.094 | 0.092 | 0.092 | 0.290 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 93.7 | 91 9 | 92.1 | 96.7 |
| Relative Percer | nt Difference | 0.9 | 0.3 | 1.1 | 10 |

METHOD: EPA SW-846 8021 B

ist get (A. Oth

Date

PLEASE NOTE. Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service H 14026B3 CLASE be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiares. affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise



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Receiving Date: 01/07/08 Reporting Date: 01/07/08 Project Owner: APACHE CORP Project Name: LOCKHART B 14 004 Project Location. T21S R37E S14 Sampling Date: 01/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: BC/KS

RUSH SAMPLE

| | GRO | DRO | |
|----------------------|------------------------------------|--------------------------------------|---------|
| | (C ₆ -C ₁₀) | (>C ₁₀ -C ₂₈) | CI* |
| LAB NUMBER SAMPLE ID | (mg/Kg) | (mg/Kg) | (mg/Kg) |

| ANALYSIS DATE | 01/07/08 | 01/07/08 | 01/07/08 |
|-----------------------------|----------|----------|----------|
| H14026-6 WEST CONT - 20 | 139 | 1810 | 32 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Quality Control | 828 | 818 | 500 |
| True Value QC | 800 | 800 | 500 |
| | | | |
| % Recovery | 103 | 102 | 100.0 |
| Relative Percent Difference | 4.1 | 0.2 | <0.1 |

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analysis performed a on 1:4 w:v aqueous extract.

Chemist H14026A1 ELKE

1109 Date

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after comsequential damages, including, without limitation, business interruptions, loss of profits incurred by chart, its subsidianes, affiliates or successors arising out of or related to the performance of services in erunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



ANALYTICAL RESULTS FOR ELKE ENVIRONMENTAL, INC. ATTN: JOHN GOOD P.O. BOX 1830 HOBBS, NM 88240 FAX TO: (575) 738-0140

Receiving Date: 01/07/08 Reporting Date: 01/07/08 Project Owner: APACHE CORP Project Name: LOCKHART B 14 004 Project Location. T21S R37E S14 Sampling Date: 01/07/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: AB

| | | | | ETHYL | TOTAL |
|------------------------|----------------|--------------------|--------------------|--------------------|--------------------|
| LAB NUMBER | SAMPLE ID | BENZENE (mg/Kg) | TOLUENE (mg/Kg) | BENZENE (mg/Kg) | XYLENES (mg/Kg) |
| ANALYSIS DAT | ſE | 01/07/08 | 01/07/08 | 01/07/08 | 01/07/08 |
| H14026-6 | WEST CONT - 20 | <0.020 | 0.034 | 1.17 | 3.19 |
| | | | | | |
| Quality Control | | 0.094 | 0.092 | 0.092 | 0.290 |
| True Value QC | | 0.100 | 0.100 | 0.100 | 0.300 |
| % Recovery | | 93.7 | 91.9 | 92.1 | 97 |
| Relative Percer | nt Difference | 0.9 | 0.3 | 1.1 | 10 |

RUSH SAMPLE

METHOD. EPA SW-846 8021 B

litte

Date

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service H14026B1 fedME be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors ansing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

| ompany Name | RDINAL BORATORIES ELKE ENVIRONN | ENTA | 1 11 | | | | | | - | | | ILL TO | | | | | | AN | ALVEN | REQL | Eet | | | | |
|-------------------------|---|------------------|--------------|-----------------|---------|---------------|-------------------|--------|-----------|------------|--------|------------------|---------------|--------------------------|-------------------------|----------------|---------------------------|------------|--------------|-----------|-------------------------|-------------|---------------------------|------------|------|
| roject Manager: | JOHN GOOD | | | | | 2.0. | #. | | | | | ļ | _ | | | | ALTOR | | <u>T</u> | | 7 | T | T | | |
| ddress: | 3506 WEST COUL | | <u>n</u> | | | | _ | | - bany | | | | 1 | 1 | | | | | | | | | | | |
| lity: | HOBBS State: NM | _ | Zip: | | 882 | 41 | | ttn. | Juny | | | | <u>^</u> | 1 | | | | | | | | | | | |
| hone # | | Fax #: | | 575- | 738-4 | | | ddre | ess' | | | - ~ ~ ~~ | | 1 | | | | 1 | | | | | | | 1 |
| oject #: | Project Owner: | | | | ECC | _ | | City | | | 7 | ᠈᠂ᡬ᠅᠊᠊᠆᠆ | | 1 | | Į | ļ | l | ļ | 1 | | l | | 1 | |
| roject Name. | the second s | hart B | _ | - | | | _ | State | | - ° | ~ | Zip ^r | | 1 | | | 1 | | | 1 | | | | | |
| oject Location. | T21S R37E S14 | | | F | hon | e #: | | - | ý | | | | | 1 | | | | | | | | | | | |
| ampler Name. | JC | HN G | 30C | 5 | | | F | ax # | : | | | | | 1 | | | | 1 | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMF | # CONTAINERS | GROUND WATER | TEWATER | TRI | , | T | | HUE/CUOL | | DATE | TIME | TPH ⁸⁰¹⁵ | втех | Chlorides | | | | | | | | | |
| H14020-1 | BATT - NE | ĬĞ | | Ĕ | _ | χ̈́ | ~ | Ť | | Σ† | ╧╋ | 7-Jan | 8:00 | Ι x | X | X | | <u> </u> | + | + | + | <u>+</u> | <u>+</u> | <u> </u> | + |
| -2 | BATT - NW | ٦Ğ | | | | χ | -+ | -+- | | <u>x</u> † | -+- | 7-Jan | 0.00 | t ŵ | X | Î X | | 1 | <u>+</u> | + | + | + | <u>+</u> | 1 | t |
| -3 | BATT - SW | Ğ | | | | X | | 1 | | X | -1- | 7-Jan | | ÎX | X | X | | t | 1 | 1 | 1 | 1 | 1 | 1 | |
| -4 | BATT - SE | G | 1 | | | X | | T | | X | | 7-Jan | * | X | X | X | | | 1 | | 1 | 1 | 1 | T | T |
| -5 | BATT - CENTER | G | | | | X | | Т | | X | Т | 7-Jan | | X | X | X | | | | | | | | | |
| -6 | WEST CONT - 20 | G | 1 | | | X | | | | XT | Τ | 7-Jan | 8:30 | X | X | X | | | | | | I | | | |
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| | | | | | -+ | | | ┯╋ | | + | + | | | 1 | | <u> </u> | | + | 1 | + | + | + | + | + | +- |
| hatsoever, shall be dee | no Damages. Caroinal s itability and ci med waved unless made in writing a or loss of profits incurred by client, its // Date: | nd rece | ived | by Ca affila | rdinal | with r suc | in 30-c cessor | iays a | afther | com | pletic | on of the appli | cable service | In no eve services he | nt shall C reunder t | ardinal be | e liable fo al, regard | n incident | tal or con | sequentia | al damage is based u | s, includin | ng without of the abov | limitation | 1, ł |



ANALYTICAL RESULTS FOR ELKE ENVIRONMENTAL, INC. ATTN: JOHN GOOD P.O: BOX 1830 HOBBS, NM 88241 FAX TO: (575) 738-0140

Receiving Date: 01/15/08 Reporting Date: 01/17/08 Project Owner: APACHE CORP. Project Name: LOCKHART B 14-A 004 Project Location: T21S R37E S14 ULH Sampling Date: 01/14/08 & 01/15/08 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: ML Analyzed By: BC/HM

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈) CI* (mg/Kg) (mg/Kg) (mg/Kg)

LAB NUMBER SAMPLE ID

| ANALYSIS D | ATE | 01/16/08 | 01/16/08 | 01/16/08 |
|----------------------|----------------|----------|----------|----------|
| H14092-1 | BH 1 - 24 | <10.0 | <10.0 | 3680 |
| H14092-2 | BH 2 - 24 | <10.0 | <10.0 | 3640 |
| H14092-3 | SW-1 | <10.0 | 33.6 | . 112 |
| H14092-4 | SW-2 | <10.0 | <10.0 | 112 |
| H14092-5 | SW-3 | <10.0 | <10.0 | 128 |
| H14092-6 | SW-4 | <10.0 | <10.0 | 112 |
| H14092-7 | SW-5 | <10.0 | <10.0 | 112 |
| H14092-8 | SW-6 | <10.0 | <10.0 | 112 |
| H14092-9 | BLEND 1 | <10.0 | 1620 | 560 |
| H14092-10 | BLEND 2 | <10.0 | 1820 | 560 |
| H14092-11 | BLEND 3 | <10.0 | 1540 | 544 |
| H14092-12 | BLEND 4 | <10.0 | 1960 | 528 |
| H14092-13 | BLEND 5 | <10.0 | 1420 | 576 |
| H14092-14 | BLEND 6 | <10.0 | 1720 | 528 |
| Quality Control | ol | 790 | 811 | 490 |
| True Value Q | C | 800 | 800 | 500 |
| % Recovery | | 98.8 | 101 | 98.0 |
| Relative Perc | ent Difference | 1.1 | 2.3 | 2.0 |

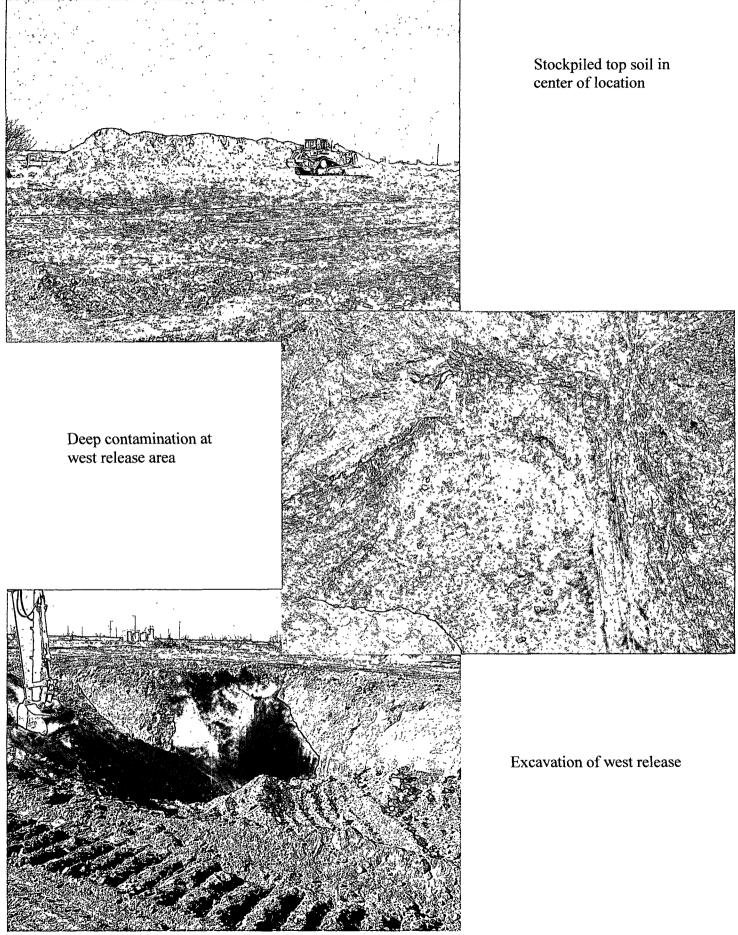
METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI⁻: Std. Methods 4500-CI⁻B *Analyses performed on 1:4 w:v aqueous extracts.

Cashe

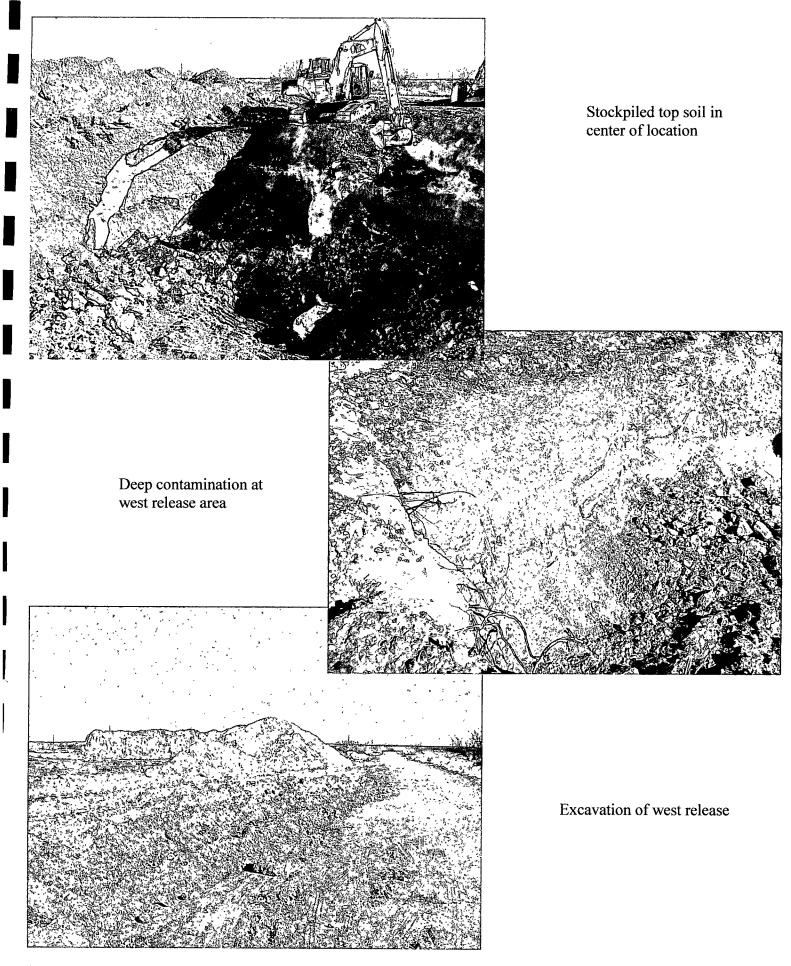
H14092 ELKE

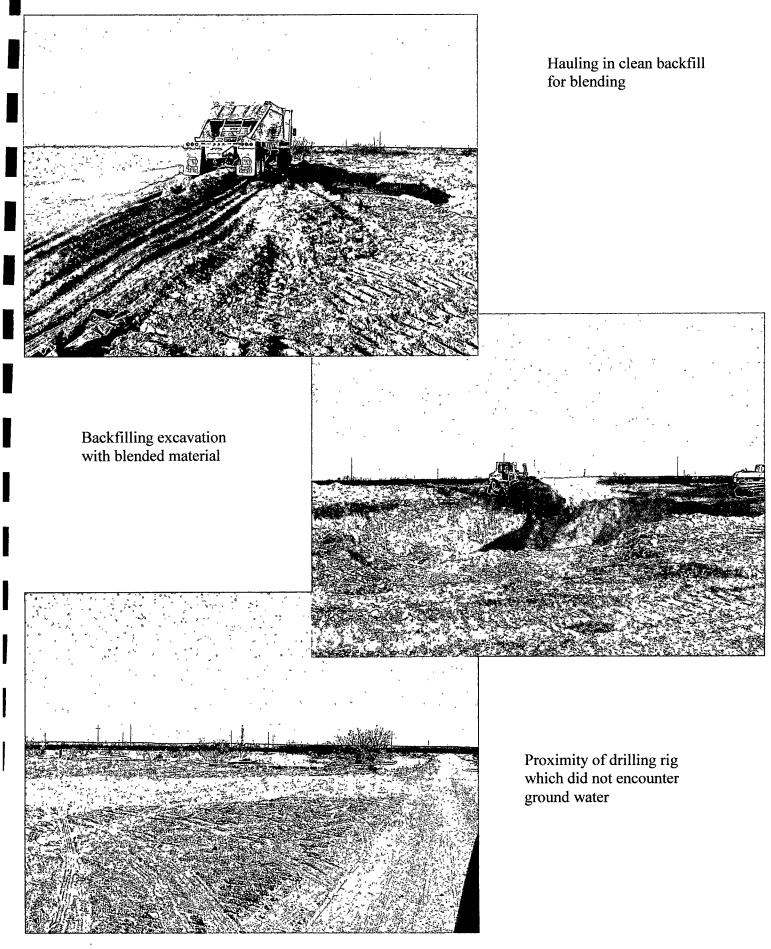
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| Dompany Name: ELKE ENVIRONMENTAL, INC. BILL TO ANALYSIS REQUEST Troject Manager: JOHN GOOD P.O.#. BILL TO ANALYSIS REQUEST Viget: HOBBS State: NM Zip. 88241 Atm. Viget: HOBBS State: NM Zip. 88241 Atm. Viget: Forest 757538/5738 Fask 5757390/400 Address Zip: Zip: Viget: Lockhard 14:4 004 State: Zip: Zip: Zip: Zip: Viget: Lockhard 14:4 004 State: John 6:00 State: Zip: Zip: Viget: Lockhard 14:4 004 State: John 6:00 State: Zip: Zip: Viget: Lockhard 14:4 004 State: Zip: Zip: Zip: Zip: Zip: Viget: Lockhard 20:00 Zip: Zip: Zip: Zip: Zip: Zip: Zip: Lab L0. Sample I.D. Sig: Zip: Zip: Zip: Zip: Zip: | LA | RDINAL BORATORIES | | | | | 2111 BEECHWO | | | | | | | | | | | | | |
|--|--|-----------------------------|---|--------------------|----------------|--------------|------------------|--|--|----------|--|---|-------------|----------|--|----------|--------------|----------|--------------|---------------|
| ddress: 3506 WEST COUNTY RD Company: ihr: HOBBS Site: NM Zip: 88241 Attn: ihr: HOBBS Site: NM Zip: 88241 Attn: ince # 575-738-0138 Fax # 575-738-0140 Address | ompany Name: | ELKE ENVIRO | NMENTAL, I | VC, | | | BILL TO | | | | | | AN | ALYSIS | REQU | EST | | | | |
| HOBBS State: NM Zip B8241 Amin: hone #: 575738-0130 Fax #: 575738-0140 Address picet Mame: Lockhart B 14-A 004 State: Zip: rigiet Name: Lockhart B 14-A 004 State: Zip: ampler Name: Lockhart B 14-A 004 State: Zip: ampler Name: JOHN GOOD Fax #: Fax #: SampLing ubblob: Ubblob: T71'S R37E 514 ULH, Phone #: Zip: ubblob: Ubblob: T71'S R37E 514 ULH, Phone #: Zip: ubblob: Ubblob: W Zip: Ubblob: Zip: Zip: ubblob: Ubblob: W Zip: Ubblob: Zip: Zip: ubblob: Sample: Ubblob: W Zip: Zip: Zip: ubblob: W Zip: | roject Manager: | | | | P.O.# | P.O.#: | | | | | | | | I | 1 | | | | | |
| hone #: 575-738-0130 Fax #: 575-738-0140 Address riget #: Project Owner: APACHE CORP City Zip riget #: Project Owner: APACHE CORP City Zip riget A: T11S R37E 514 ULH Phone #: Zip riget Location: T11S R37E 514 ULH Phone #: Zip ampler Name: JOHN GOOD Fax #: Fax #: Time: Lab I.D. Sample I.D. G Y Y Y G Y Y Y Y Y Y G Y Y Y Y Y Y Lab I.D. Sample I.D. G Y Y Y Y Y Y < | ddress: | 3506 WEST CC | UNTY RD | | Comp | any: | <u> </u> | ·* | 1 | [| | | | [| | | | | | (|
| roject #: Project Owner: APACHE CORP roject Name: Lockhart B 14-A 004 state: Zip roject Location: T715 R375 E 514 ULH, Phone #: ampler Name: JOHN GOOD Fax #: ULab 1.D. Sample 1.D. G Sample 1.D. G H 1 + C24 -2 BH 2 - 24 -3 SW-1 -5 SW-3 -5 SW-3 -6 SW-4 -6 SW-4 -6 SW-4 -6 SW-4 -6 SW-4 -6 SW-4 -7 SW-5 -6 1 X -7 SW-5 -7 | ity: | | | | Attn: | | | |] | | | | | 1 | | | | | | |
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| Lab I.D. Sample I.D. Somple I.D. | ampier Name: | | JUHN GUUI | | | | | | 4 | | | | | 1 | | | ł | | | |
| H14092-1 BH 1 - 24 G 1 X X 14-Jan 11:30 X X X X 14-Jan 11:35 X X X 15-Jan X X 14-Jan 15-Jan X X 15-Jan </td <td>Lab I.D.</td> <td>Sample I.D.</td> <td>G)RAB OR (C)OM</td> <td>MATER</td> <td>T</td> <td>TT</td> <td></td> <td></td> <td>TPH⁸⁰¹⁵</td> <td>втех</td> <td>Chlorides</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Lab I.D. | Sample I.D. | G)RAB OR (C)OM | MATER | T | TT | | | TPH ⁸⁰¹⁵ | втех | Chlorides | | • | | | | | | | |
| -2 BH 2 - 24 G 1 X X 14-Jan 11:35 X X X 14-Jan 11:35 X X X 15-Jan 8:15 X X X 15-Jan 8:15 X X X 15-Jan X X X 15-Jan X <td>114097-1</td> <td>BH 1 - 24</td> <td></td> <td></td> <td><u>, 10 1a</u></td> <td>H≩Ho</td> <td>14-120</td> <td>and the second second</td> <td></td> <td></td> <td>_</td> <td></td> <td><u> </u></td> <td><u> </u></td> <td></td> <td>╂────</td> <td><u> </u></td> <td>,</td> <td></td> <td>\vdash</td> | 114097-1 | BH 1 - 24 | | | <u>, 10 1a</u> | H ≩Ho | 14-120 | and the second | | | _ | | <u> </u> | <u> </u> | | ╂──── | <u> </u> | , | | \vdash |
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| -4 SW-2 G 1 X X 15-Jan X X X 15-Jan X | | | | | | | | | Concession of the local division of the loca | <u>}</u> | t x t | | <u> </u> | 1 | 1 | + | <u> </u> | | | t |
| -5 SW-3 G 1 X X 15-Jan X | | | | | | | | | t x | | T X I | | | 1 | <u>† </u> | 1 | 1 | | | t |
| -6 SW-4 G 1 X X 15-Jan X X X I <t< td=""><td></td><td></td><td>Ğİ</td><td></td><td></td><td></td><td></td><td></td><td>t x</td><td><u> </u></td><td>T X I</td><td></td><td>1</td><td>t</td><td></td><td>1</td><td></td><td></td><td></td><td>F</td></t<> | | | Ğİ | | | | | | t x | <u> </u> | T X I | | 1 | t | | 1 | | | | F |
| -7 SW-5 G 1 X X 15-Jan X X X 16-Jan X X X 16-Jan 16-Jan 16-Jan 16-Jan 16-Jan <td></td> <td></td> <td>GI1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>X</td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td>Γ</td> | | | GI1 | | | | | | X | | X | | | 1 | 1 | 1 | 1 | | | Γ |
| -8 SW-6 G 1 X X 15-Jan X X X I </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>X</td> <td></td> <td>X</td> <td></td> <td><u> </u></td> <td>1</td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td>Γ</td> | | | | | | | | | X | | X | | <u> </u> | 1 | | 1 | 1 | 1 | | Γ |
| -10 BLEND 2 G 1 X X 15-Jan X X Image: Constraint of the state of th | -8 | | | X | | X | 15-Jan | | X | Ι | X | | | | 1 | | | | | L |
| -11 BLEND 3 G 1 X X 15-Jan X X Image: Constraint of the state of th | | | | | | X | | | I X | | X | | | | | | | | | |
| -12 BLEND 4 G 1 X X 15-Jan X X X | | BLEND 2 | | | | | | | _ | | X | | ļ | L | 1 | | · | <u> </u> | ļ | ╄ |
| -13 BLEND 5 G 1 X X 15-Jan X X | the second second second second second second second second second second second second second second second s | | | | | | | | | | X | | ļ | | | <u> </u> | <u> </u> | ļ | L | + |
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| | | | | ╏╴┼╶┾╍╋╴ | ╶┼╌╂╴ | + | + | | I | <u> </u> | | | | ╉──── | + | | | 1 | | ┢ |
| | | | | ╏╴┼╌┼╌┼╵ | ╶┼─╂╌ | +-+- | | | † | t | + - + | | <u> </u> | + | | + | <u> </u> | | <u>├</u> ─── | 十 |
| | | | | ┠╌┼╴┼╌┼ | | ╉╋ | 4 | | <u> </u> | <u> </u> | | | | | | ╂─── | | ļ | | $\frac{1}{2}$ |
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| | inquished by: | L | 1/15/08 | Received by. | • | 1 | | | | | | and the second se | | | | 031-3 | 277 (J. | 0000) | | |
| Inquised by: 1/15/08 Phone Result: Yes V No Add'l Phone#: 631-3277 (J. Good) Fax Result: Ves No Add'l Phone#: 631-3277 (J. Good) | John | a front Tim | 182:30 | No | ty 2 | EBN | th | Rémarks: | | | | | | | | | | | | |
| Inguished by: Date: Received By: Phone Result: Yes V No Add'l Phone#: 631-3277 (J. Good) 1/15/08 Fax Result: Ves No Add'l Fax #: | linquished by: | ' Da | le , | | 0 | | | | | | | | | | | | | | | |
| Invise Date: Received By: Phone Result: Yes No. Add'l Phone#: 631-3277 (J. Good) MM Job 1/15/08 Job Muture Abb Fax Result: Yes INo. Add'l Phone#: 631-3277 (J. Good) Imquished by: Date Received By: Date Received By: Received By: Fax Result: Image: Add'l Phone#: 631-3277 (J. Good) | | | | L | | • | | Į | | | | | | | | | | | | |
| Invise. Date: Received By: Phone Result: Yes No. Add'l Phone#: 631-3277 (J. Good) Mun Time: Time: Yes Invise. Invise. Fax Result: Yes Invise. 631-3277 (J. Good) Inquished by: Date Received By: Time: Phone Result: Image: Ima | livered By: (Circl | e One) | | | (| | | | | | | | | | | | | | | |
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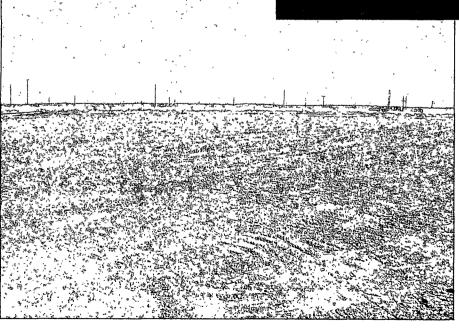
Installing 20-mil liner at 4-ft bgs level



Covering installed liner with topsoil

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I



Project completed

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. E. Francis Dr., Santa Fe, NM 87505

I

State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division

1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

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

| 1220 S. St. Fra | ncis Dr., Sant | a Fe, NM 87505 | 5 | Sa | anta F | e, NM 875 | 05 | | | | side of | |
|------------------------------|----------------|-----------------------------------|---|--|-------------|------------------------------|--------------------|-----------|------------------------|--|-----------------|--|
| | | | Rele | ase Notific | catio | n and Co | orrective A | ction | 1 | | | |
| | | | | | | OPERA | TOR | | 🗹 Initi | al Report | 🔲 Final R | |
| Name of Co | ompany | Apache Co | | | | Contact | John Good El | | ronmental | | | |
| Address | | P.O. Box 1 | 849 | | | Telephone N | No. 505-631-3 | | | | | |
| Facility Na | me Lo | ckhart B-14 | A No. 4 | | | Facility Typ | e Battery | API 30 | -025-0657 | 6 | | |
| Surface Ov | vner Bill | Stephens | <u> </u> | Mineral C | Owner | | | | Lease N | No. | | |
| | | | | LOCA | ATIO | N OF REI | EASE | | | | | |
| Unit Letter | Section | Township | Range | Feet from the | | /South Line | Feet from the | East/\ | Vest Line | County | | |
| , | 14 | 215 | 37E | 1980 | ECI | | 330' | 1001 | | Las | | |
| <u> </u> | 14 | 213 | | | FSL | | | FEL | | Lea | | |
| | | | Lat | titude | | Longitud | | | | | | |
| Tring of Dal | the former | | | NAT | URE | OF REL | | | X7.1 | | | |
| Type of Rele Source of Re | | Unknown | | | | | Release Unknow | | | Recovered Unknown Hour of Discovery | | |
| JULICE UI K | licase | CHANOWI | | | | Unknown | | ~ | Unknowr | | overy | |
| Was Immed | iate Notice (| | | | | If YES, To | Whom? | d | | · | | |
| Un | known | | Yes 🔲 | No 🔲 Not Re | quired | | | | | | | |
| By Whom? | | | | | | Date and H | | | | | | |
| Was a Water | rcourse Read | | | - | | If YES, Vo | lume Impacting I | he Wate | ercourse. | | ******** | |
| | | | Yes 🗌 | No | | | | | | | | |
| If a Waterco | urse was Im | pacted, Descri | ibe Fully.* | t | | | | | | | | |
| | 100 | 5 | | | | | | | | | | |
| | | •• | | | | | | | | | | |
| | 199 | | | | | | | | | | | |
| | 14 | | | | | | | | | | | |
| immediately | . John Good | d with Elk Env e of the closed | vironmenta | remediation, they al has started the | remedia | tion process. | This is a previous | s contan | ninated area | a. Currently t | hey are digging | |
| Describe Are | ea Affected | and Cleanup A | Action Tak | en.* | | | | | | U V han De | | |
| | | | | ocess, dig and ha | ul in pro | ocess. | | | | | | |
| 、 | | | | | - | | | | IAN - 9 | 2008 | | |
| ð, | | | | | | | | | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | | | | | 0 | BBS | SOC | D | |
| I hereby certi | ify that the i | nformation gi | ven above | is true and comp | lete to the | he best of my | knowledge and u | nderstar | d that purs | uant to NMO | CD rules and | |
| nùblic bealth | or the envir | opment The | o report an | d/or file certain n e of a C-141 repo | elease n | outications ar | d perform correc | tive acti | ons for rele | eases which n | hay endanger | |
| should their of | operations h | ave failed to a | deouately | investigate and n | emediat | e contaminati | on that nose a the | epon u | ound water | eve the opera | tor of haddinty | |
| or the enviro | nment. In a | ddition, NMO | CD accept | tance of a C-141 | report d | oes not reliev | the operator of a | responsi | bility for c | ompliance with | th any other | |
| federal, state, | , or local lav | vs and/or regu | lations. | ···· | | | • | • | | • | 1 | |
| | \cap | . (|) | | 1 | | OIL CONS | SERV | ATION | DIVISION | V Ith | |
| Signature: | 'hh | 1000 | 100 | Ada. | | | | | | - ohns | on Ric | |
| Signature. | puu | | ブレス しょ | | | | | ~ | 1000 | ۱. | · / 11.10 | |
| Printed Name | e: Natalie | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | our _ | | | | - 574 | $n o \alpha n n n$ | | 7.00 | |
| Title: Fauire | | Gladden | | | | Approved by | District Supervise | or: EN | IRONM | ENTAL EN | IGINEER | |
| THE ENVIR | mmantal T- | | | | | | | | | 2/0 | IGINEER | |
| | onmental Te | | | | | Approved by Approval Date | 101-0 | | /IRONM Expiration I | 2/0 | IGINEER | |
| E-mail Addre | | | apachecor | p.com | | | . 1/9/08 | | | Date: 3/9 | IGINEER 108 | |
| | | ch | | p.com 505-390-4186 | | Approval Date | . 1/9/08 | | | 2/0 | IGINEER 108 | |
| Date: 01/ | ess: Natalie. | ch | Phone: | | | Approval Date | . 1/9/08 | | | Date: 3/9 | IGINEER 108 | |
| Date: 01/ | ess: Natalie. | ch gladden@usa. | Phone: | | | Approval Date | . 1/9/08 | | | Date: 3/9 | IGINEER 108 | |
| Date: 01/ | ess: Natalie. | ch gladden@usa. | Phone: | | | Approval Date | . 1/9/08 | | | Date: 3/9 | IGINEER 108 | |

| \square | | | | | · · · · · · · · · | | | | | | | |
|----------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|------------|--|--|----------|--|--|--|
| | zach | je | Incider | nt Date: | Unknown | NMOC | D Notified: | Unknow | n | | | |
| SITE: | Lockhart B-14 004 | I | <u> </u> | | | A | PI No. | 30-025-06576 | 3 | | | |
| Company: | | Apache C | orporation | L | | | | | | | | |
| Street Addr | ess: | | | | | | <u> </u> | ······································ | <u> </u> | | | |
| Mailing Add | | P.O. Box | 1849 | | | | | | | | | |
| City, State, | and the second second second second second second second second second second second second second second second | Eunice, NI | | · · · · · · · · · · · · · · · · · · · | | | ······································ | | <u></u> | | | |
| Representa | | Natalie Gl | | | | | | | | | | |
| | tive Telephone: | 575-390-4 | | | | | | | | | | |
| Telephone: | | | | | | | | | <u></u> | | | |
| | | > 25 | Volume Re | covered | (bbl): | C | Net Re | elease: > | 25 | | | |
| | >251 | bbl: Notify NMOC | | | · · · · · · · · · · · · · · · · · · · | 141 withir | n 15 days. | | | | | |
| | 5-25 bbl: Submit F | • | • | | | | - | I Gas). | | | | |
| Leak Spill | or Pit (LSP) Name: | | | | t B-14 004 | | | | | | | |
| | Contamination: | | | | d Water Ta | ank or F | lowline | | | | | |
| | r, i.e. BLM, ST, Fee | Other: | | | Lucille Bry | | | | | | | |
| LSP Dimen | | , | ~ | 75' X 75 | | | | · · · · · | | | | |
| LSP Area | | · ·, · · · · | ~ | 5600 | | | | | | | | |
| | Reference Point (RI | D). | | 0000 | | | | | ······ | | | |
| | stance and direction | | | | | | | | | | | |
| Latitude: No | | | · · · · · · · · · · · · · · · · · · · | 32 | 28.87 | | | | | | | |
| Longitude: | | · · · · · · · · · · · · · · · · · · · | <u> </u> | 103 | 7.7 | | | | | | | |
| | bove mean sea leve | l (amsl): | | 3475 | | meters | | | | | | |
| | om North Section Lir | | | | | | | | | | | |
| | om East Section Line | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |
| | Jnit Letter and 1/4 1 | | UL- | н | SE 1/4 of | NE | 1/4 | | | | | |
| Location - S | | · · · · · · · · · · · · · · · · · · · | | 14 | | | | | | | | |
| Location - T | | | | 215 | | | | | | | | |
| Location - Range 37E | | | | | | | | | | | | |
| | Location - Range 37E Location - County Lea | | | | | | | | | | | |
| | ter body within 1000 | radius of site | | 0 | | | | | <u> </u> | | | |
| | ter body within 1000 | | | 0 | | | | | | | | |
| | ater wells within 100 | | | 0 | | | | | | | | |
| | ater wells within 100 | | | 0 | | | | · · · · · | | | | |
| | water wells within 1 | | | 0 | | | | | | | | |
| | water wells within 1 | | | 0 | | | | | | | | |
| | r supply wells within | | | 0 | | | | | | | | |
| | r supply wells within | | | 0 | | | | <u></u> | | | | |
| |) from land surface t | | | 200 | | | <u>-</u> | | | | | |
| |) of lowest contamin | | | 200 | | | | | | | | |
| | to Ground Water (I | | <u>م</u> | 176 | | | | | | | | |
| Deptil (leet) | 1. Ground Water (I | | | | otection A | roa | 3 Distan | ce to Surface \ | Nator | | | |
| | | | lf <1000' fro | ····· | | | | | | | | |
| If Depth to (| GW <50-feet: 20 poi | ints | from private | | | | <200 horizo | ntal feet: 20 po | ints | | | |
| If Depth to 0 | GW 50 to 100-feet: " | 10 points | 20 points If >1000' fro | om water | source, or | , >200' | 200-1000 ho | prizontal feet: 1 | 0 points | | | |
| If Depth to | GW >100-feet: 0 poi | ints | from private | edomes | tic water so | urce: 0 | >1000 horiz | ontal feet: 0 po | ints | | | |
| Ground Wa | ater Score: 0 | | Wellhead F | rotectior | Score: | 0 | Surface Wa | ter Score: | 0 | | | |
| | g (1 + 2 + 3): | 0 | • | | | | | | | | | |
| | | otal Site Ran | king Score a | nd Acce | ptable Cor | ncentra | tions | | | | | |
| Parameter | 20 or | | T | 1(| | | | 0 | | | | |
| Benzene ¹ | 10-рр | m | | 10-p | pm | | | 10-ppm | <u></u> | | | |
| BTEX ¹ | 50-pp | | | 50-p | | <u> </u> | | 50-ppm | | | | |
| TPH | 100-pp | | | 1000- | | | | 5000-ppm | | | | |
| L'''' | | | | | <u>''''</u> | | L | over hhim | | | | |

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