

June 26, 2003

Mr. Larry Johnson New Mexico Oil Conservation Division 1625 North French Hobbs, New Mexico 88240

Subject: Duke Energy Field Services Eunice Plant Produced Water Leak Initial C-141 and Remediation Plan

Dear Mr. Johnson:

Environmental Plus, Inc. (EPI), on behalf of Ms. Lynn Ward, Duke Energy Field Services, submits the attached New Mexico Oil Conservation Division Form C-141 for the above referenced leak site located on land owned by Duke Energy Field Services. The release volume is estimated to be 10 bbl of produced water with 5 bbl recovered. The site is located in the SE¼ of the NE¼ (Unit Letter H), Section 5, Township 21 South, and Range 36 East. The geographic location is N32° 30' 57.91"; W103° 16' 58.94". The site is ~1.7 miles northwest (313.6°) from Oil Center, Lea County, New Mexico. According to information obtained from the New Mexico Office of the State Engineer (NMOSE) database, ground water level beneath this site is ~120-feet below ground surface (based on the water depth of the nearest (> 1 mile) water well in an adjacent section). The site matrix ranking for this site is 0 due to the depth to ground water from lower contaminant level being greater than 100-ft.

The remedial action plan for this site is to delineate and characterize the soil contamination (TPH, BTEX and Chlorides) within the affected area of the produced water release, excavate, dispose of and/or blend and attenuate on-site the RCRA exempt contaminated soils, and backfill the excavation with clean soil obtained on-site and/or offsite from private or public sources. Any RCRA exempt contaminated soils excavated and removed from the site will be disposed of in a NMOCD approved surface waste facility.

The Constituents of Concern (CoC's) and associated NMOCD acceptable remedial levels are as follows:

- BTEX<sup>8620</sup> (Benzene, Toluene, Ethyl Benzene, and Xylenes): 50 mg/kg
- TPH<sup>8015m</sup> (Total Petroleum Hydrocarbon): 5000 mg/kg
- Benzene<sup>8620</sup>: 10 mg/kg •
- Chlorides: 250 mg/kg (NM Water Quality Control Commission Ground Water Standard)

If there are any questions please call Mr. Ben Miller, or myself, at our office or at (505) 390-0288 and (505) 390-9804, respectively or Ms. Lynn Ward at (915) 620-4207. All official written communications should be addressed to:

Ms. Lynn Ward **Duke Energy Field Services** 3300 North A Street Midland, Texas 79705

On behalf of Duke Energy Field Services,

Jørn Good **EPI Environmental Consultant** 

P.O. BOX 1558

Kevin Gerber, Duke Energy Field Services - Eunice Plant cc: Lynn Ward, Duke Energy Field Services - Midland Ben Miller, EPI Vice President and General Manager Sherry Miller, EPI President Pat McCasland, EPI Technical Manager ile = 229153 cility = FPAC0602035388 ncilient = NPAC0602035537 plication = pPAC0603149933 EUNICE. NEW MEXICO 88231 File

bound

anniana)

District I				State of	New Mex	Form C-141						
						nd Natural Resources Revised March 17,						
District II			Liner Sy									
1301 W. Grand	Avenue, Artes	ia, NM 88210					6-1					
District III	- D 1 A. 4	NB ( 07/10			rvation Division Submit 2 Copies to appropriate							
1000 Rio Brazo	os Road, Aztec,	NM 87410			h St. Francis Dr. District Office in accordance							
District IV				Santa I	Fe, NM 87505 with Rule 116 on back							
1220 S. St. Francis Dr., Santa Fe, NM 87505 side of form												
Release Notification and Corrective Action												
OPERATOR Initial Report I Final Report												
Name of Cor	• •				Contact							
	RGY FIELI	) SERVICES				- DEFS Environme	ntal Specialist					
Address					Telephone N							
3300 North			Midland,	TX 79705	915-620-420							
Facility Nam					Facility Type		_					
<b>Eunice Plan</b>	t PW Tanks				2-500 bbl Pr	oduced Water Tan	ks					
Surface Own	or			Mineral Owr			Lease No.					
Duke Energ		000		NA	<b>3</b> 71	er Lease No. NA						
Dure Bliefg	y raid oct vi		I <i>(</i>		OF RELEA	SF						
Unit Letter	Section	Township	Range	Feet from	Feet from	Longitude	Latitude	County:				
			-	South Line	West Line	Ũ		-				
н	5	218	36E	5600	3980	W103º 16' 58.94"	N32° 30' 57.91"	Lea				
L <u></u>			N	· · · · · · · · · · · · · · · · · · ·	F RELEAS	SE	<u> </u>	L				
Type of Rele	ase	······			Volume of R	elease	Volume Recovered	]				
		petroleum co	omponent		40 bbl 32 bbl							
Source of Re						Date and Hour of Occurrence Date and Hour of Discovery						
(2) 500-bbl (					6/22/2003		6/22/03					
Was immedu	ate Notice Gi		🗖 - 11.4 D		If YES, To V		>					
By Whom?	Image: West of the second s											
	John Good - EPI 6/23/03 9:30 AM											
Was a Water		red?			If YES, Volume Impacting the Watercourse.							
		□ Yes	🗹 No		NA							
If a Waterco	urse was Imp	<b>U</b> Yes acted, Describ	e Fully.*		•							
NA												
	CD 11		1.4.7.70.1	•								
		m and Remedi			ning line D	ion line was not flor	ring (rooson under					
		-	-		-	ice line was not flov 32 bbl recovered.	and (reason ander					
· · · · · · · · · · · · · · · · · · ·												
Describe Area Affected and Cleanup Action Taken.* ~1350-ft2 surface area affected inside of containment berm. 32-bbl of produced water and oil recovered from 40-bbl release.												
Surface soil samples collected for TPH, BTEX and Chloride analyses. RCRA Exempt Non-hazardous contaminated soil above												
remedial goals will be remediated on-site and/or excavated and disposed of at a NMOCD approved surface waste facility.												
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and												
					-		for releases which may					
health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of hability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the												
environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state,												
or local laws a	nd/or regulation	IS.	A									
Signature: OIL CONSERVATION DIVISION												
Printed Nam	e: //	John Good			Approved by	District Supervisor						
Title:	EPI - Envir	onmental Co	nsultant		Approval Da	ite:	Expiration Date:					
Date:	6/26/03	Phone:	505-39	94-3481			<del></del>	Attached				

## Duke Energy. Incident Date and NMOCD Notified?

emana

6/22/02 0·20 AM

STE:       Lunice Plant PW Tanks       Lasigned Site Reference #062203         Company.       DUKE ENERGY FIELD SERVICES         Street Address.       3000 North A Street         CAT, State, Zip.       Midling ACTR9705         Representative:       Lynn Ward - DEFS Environmental Specialist         State Mark MACCD writig with: 24 ward specialist       State Mark MACCD writig with: 24 ward specialist         Land Owner, Le, BLM, ST, Fee, Other       Dute Energy Field State         Light Area	Field .	Services	6/22	/03 6/23/03 9	:30 AM						
Street Address:       5900 East Highwey 80         Mailing Address:       3300 North A Street         City, State, Zip.       Midland, TX705         Representative:       Lynn Ward - DEFS Environmental Specialist.         Representative:       915-620-4207         Telephone:       915-620-4207         State: Native NetCOD periody within 24 hers and submit from C-141 within 15 days.         -52 bate: Native NetCOD periody within 24 hers and submit from C-141 within 15 days.         -52 bate: State: Submit NetCOD periody within 24 hers and submit from C-141 within 15 days.         -52 bate: Subit. NetCOD periody within 24 hers and submit from C-141 within 15 days.         -52 bate: Subit. NetCOD periody within 24 hers and submit from C-141 within 15 days.         -52 bate: Subit. NetCOD periody within 24 hers and submit from C-141 within 15 days.         Source of contramination:       (2) 500-bbit lanks.         Land Owner, L., BLM, ST, Fee, Other:       Dute Energy Fried Se:         LSP Dimensions:       contained in berm (GPS Site Diagram attached)         LSP Area.       1,350       -ft         Location of Reference Point (RP):       Location of Reference Point (RP):         Location at an a level:       3566       -tt annel         Feet from South Section Line:       3600       -tt annel	SITE: Eunice Plar	nt PW Tanks		Assigned Site Reference #062203							
Mailing Address:       3300 North A Street         City, State, Zip:       Midand, TX 79705         Representative:       Lynn Ward - DEFS Environmental Specialist         Representative:       P15-620-4207         Telephone:       915-620-4207         Fluid volume released (bbls):       40         Recovered (bbls):       40         State:       State:         State:       State:         State:       State:         State:       State:         State:       State:         Leak, Spill, or P1 (LSP) Name:       #062203         Source of contrainmation:       (2) Soub-bit lanks         Land Owner, Le, BLM, ST, Fee, Other:       Dute: Energy Field Set         Location of Reference Point (RP):       Location of Reference Point (RP):         Location of Reference Point (RP):       Location of Reference Point (RP):         Logitud:       W103' 16' 58.04'         Elevation above mean sea level:       3560         Location - Tomostip:       3980         Location - Constip:       215         Location - Range:       386E         Surface water body within 1000' radus of Site:       0         Damestic water wells within 1000											
City, State, Zip.       Midland, TX 79705         Representative:       Lynn Ward - DEFS Environmental Specialist         Representative:       Lynn Ward - DEFS Environmental Specialist         Representative:       156 620-4207         Telephone:       156 620-4207         Telephone:       -25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.         4-25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.       -25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.         4-25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.       -25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.         4-25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.       -25 blak: Native MACCD enduly with: 24 ins and automit form C-141 with: 15 days.         5-20 Enversions:       constained in berm (GPS Site Diagram attached)       -25 blak: Native MACCD enduly MID: 27 50 ft - 12 enduly ft - 1											
Regresentative:       Lynn Ward - DEFS Environmental Specialist         Representative Telephone:       015420-4207         Fluid volume released (bbis):       40         Representative Telephone:       525 bits: Noty MACOD websy within 24 hts and summit from C-141 within 15 days.         525 bits: Submit from C-141 within 15 days (Mbco reprise to unauthotzed releases of 50:500 mcl Netural Gas)         Leak, Spill, or PH (LSP) Name:       4002223         Leak, Spill, or PH (LSP) Name:       40022203         Land Owner, i.e., BLM, ST, Fee, Other:       Dute Energy Field Se         LSP Dimensions:       1,350         Location distance and direction from RP:       Location distance in bern         Location distance and direction from RP:       Location distance in bern         Location distance and direction Line:       5600         Feet from South Section Line:       5600         Feet from South Section Line:       5000         Location - Range:       36E         Surface water body within 1000 radius of Site:       0         Domestic water wells within 1000 radius of Site:       0         Domestic water wells within 1000 radius of Site:       0         Domestic water wells within 1000 radius of Site:       0         Domestic water wells within 1000 radius of Site:	Mailing Address:										
Representative Telephone:       915-620-4207         Telephone:       Fild volume released (bbls):       40         ->26 bble: Netry NARCD weeks with: 24 fee and summit feem C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->56 bble: Sourd nom C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->26 bble: Sourd nom C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->27 bble: Netry Name:       #052203         Source of contamination:       (2) 500-bbl tanks.         Land Owner, I.e., BLM, ST, Fee, Other.       Duke Energy. Field Sei         LSP Dimensions:       ->30'57.91''         Location of Reference Point (RP):       ->	City, State, Zip:										
Representative Telephone:       915-620-4207         Telephone:       Fild volume released (bbls):       40         ->26 bble: Netry NARCD weeks with: 24 fee and summit feem C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->56 bble: Sourd nom C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->26 bble: Sourd nom C-141 with: 15 days.       ->26 bble: Sourd nom C-141 with: 15 days.         ->27 bble: Netry Name:       #052203         Source of contamination:       (2) 500-bbl tanks.         Land Owner, I.e., BLM, ST, Fee, Other.       Duke Energy. Field Sei         LSP Dimensions:       ->30'57.91''         Location of Reference Point (RP):       ->	Representative:	Lynn Ward	- DEFS En	vironmental Specialist							
Telephone:       Plad volume released (bbls):       40       Recovered (bbls):       32         Fluid volume released (bbls):       40       Recovered (bbls):       32         S25 bits: Submit form C-141 within 15 days.       8056203       Source of contamination:       (2) 500-bbl tanks         Land Owner, i.e., BLM, ST, Fee, Other:       Dute Energy Field Sa:											
Fluid volume released (bbls):       40       Recovered (bbls):       32         -28 bits: kedry MACCO weakly within 24 hs and submit from C-141 within 15 days.         -52 bits: kedry MACCO weakly within 24 hs and submit from C-141 within 15 days.         -52 bits: kedry MACCO weakly within 24 hs and submit from C-141 within 15 days.         -52 bits: State for C-141 within 150 d			· · · · · · · · · · · · · · · · · · ·								
>25 bits: Heally NMACCD websity within 24 hrs and satural form C-141 within 15 days.         5:26 bits: Sumit torm C-141 within 15 days. (Mos applies to unsubforted releases of 05-000 mcf Natural Gays)         Leek, Spill, or Prt (LSP) Name:       6052203         Source of contamination:       (2) 500-bolt harhis         Land Owner, i.e., BLM, ST, Fee, Other:       Duke Energy Field Se:         LSP Dimensions:       contained in berm (GPS Site Diagram attached)         LSP Area:       1,350         Location of Reference Point (RP):       Location of Reference Point (RP):         Location above mean sea level:       3566         Logitude:       N12" 30" 57.91"         Longitude:       N12" 30" 57.91"         Longitude:       N12" 30" 57.91"         Location above mean sea level:       3566         Feet from South Section Line:       3980         Location - Township:       21'S         Location - Range:       39E         Surface water body within 1000" radue of Site:       0         Domestic water wells within 1000" radue of Site:       0         Domestic water wells within 1000" radue of Site:       0         Agricultural water wells within 1000" radue of Site:       0         Domestic water wells within 1000" radue of Site:       0 <td></td> <td>(bbls); 40</td> <td>Recovere</td> <td>d (bbls): 32</td> <td></td> <td></td>		(bbls); 40	Recovere	d (bbls): 32							
Leak, Spill, or Prt (LSP) Name:       #062203         Source of contamination:       (2) 500-bbl tanks         Land Owner, Le, BLM, ST, Fee, Other:       Duke Energy Field Se         LSP Dimensions:       contained in berm (GPS Site Diagram attached)         LSP Area:       1,350         Location of Reference Point (RP):       Location distance and direction from RP:         Latitude:       N32" 30" 57.91"         Longitude:       W103" 16" 58.84"         Elevation above mean sea level:       3566         Feet from South Section Line:       3980         Location - Unit and 1/4 1/4:       UL         Location - Township:       21S         Location - Township:       21S         Location - Township:       21S         Location - Range:       38E         Surface water body within 1000" radus of Site:       0         Domestic water wells within 1000" radus of Site:       0         Domestic water wells within 1000" radus of Site:       0         Agricultural water wells within 1000" radus of Site:       0         Agricultural water wells within 1000" radus of Site:       0         Damestic water wells within 1000" radus of Site:       0         Public water supply wells within 1000" radus of S											
Source of contamination:       (2) 500-bbi tanks         Land Owner, i.e., BLM, ST, Fee, Other:       Duke Energy Field Se:         LSP Dimensions:       contrained in berm (GPS Site Diagram attached)         LSP Area:       1,350       -ft <sup>2</sup> Location of Reference Point (RP):       Location distance and direction from RP:       Latitude:         Langlude:       N32" 30" 57.91"       Latitude:       N32" 30" 57.91"         Langlude:       W103" 16" 58.94"       Elevation above mean sea level:       3566       -ft amal         Feet from South Section Line:       5600       -ft amal       Feet from West Section Line:       3980         Location - Township:       21S       Location - Township:       21S         Location - Township:       21S       Location - Township:       21S         Location - Township:       0       Domestic water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0       Agricultural water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0       -       20       -         Densetic water wells within 1000" radius of Site:       0       -       -       -											
Land Owner, i.e., BLM, ST, Fee, Other:       Duke Energy Field Se:         LSP Dimensions:       contained in berm (GPS Site Diagram attached)         LSP Area:       1,350         Location of Reference Point (RP):	Leak, Spill, or Pit (LSP	) Name:	#062203								
LSP Dimensions:     contained in berm (GPS Site Diagram attached)       LSP Area:     1,350     -ft <sup>2</sup> Location of Reference Point (RP):	Source of contamination	on:	(2) 500-bbl	tanks							
LSP Area:       1,350       -ft <sup>2</sup> Location of Reference Point (RP):       Location of Reference Point (RP):       Location distance and direction from RP:         Lafitude:       N32* 30* 57.91*       Longlude:       W103* 16* 58.94*         Elevation above mean sea level:       3566       -ft amsl         Feet from South Section Line:       3880       Section:         Location - Unit and 1/4 1/4;       UL-       H       SE 1/4 of NE 1/4         Location - Range:       306E       Surface water body within 1000* radius of Site:       0         Surface water body within 1000* radius of Site:       0       Domestic water wells within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0       Domestic water wells within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0       Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0       Public water supply wells within 1000* radius of Site:       0         Depth (ft) of contamination (DC):       5       Depth (ft) of ground water (DC) - DC = DtGW):       115       3       Distance to Surface Water Body         If Depth to GW >100 feet: 0 paints       200 from priv	Land Owner, i.e., BLM	, ST, Fee, Other:	Duke Energ	y Field Se							
Location of Reference Point (RP):         Location distance and direction from RP:         Latitude:       N32* 30' 57.91"         Longitude:       W103* 16' 56.94"         Elevation above mean sea level:       3566         Feet from South Section Line:       5800         Feet from West Section Line:       3980         Location - Unit and 1/4 1/4:       UL-       H       SE 1/4 of NE 1/4         Location - Section:       5       5         Location - Range:       36E       Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0       0       0         Domestic water wells within 1000' radius of Site:       0       0       0         Domestic water wells within 1000' radius of Site:       0       0       0         Domestic water wells within 1000' radius of Site:       0       0       0         Public water supply wells within 1000' radius of Site:       0       0       0         Public water supply wells within 1000' radius of Site:       0       0       0         Public water supply wells within 1000' radius of Site:       0       0       0         Depth (f) or ontaminitatin (DC):			contained in	n berm (GPS Site Diagr	am attached	)					
Location of Reference Point (RP):         Location distance and direction from RP:         Latitude:       N32" 30" 57.91"         Longitude:       W103" 16" 58.94"         Elevation above mean sea level:       3566         Feet from South Section Line:       3980         Location - Unit and 1/4 1/4:       UL-         H       SE 1/4 of NE 1/4         Location - Section:       5         Location - Range:       36E         Surface water body within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0         Domestic water wells within 1000" radius of Site:       0         Public water supply wells within 1000" radius of Site:       0         Public water supply wells within 1000" radius of Site:       0         Depth (ft) of contamination (DC):       5         Depth (ft) of contamination (DC):       5         Depth (ft) from land surface to ground water (DG):       120         Depth (ft) of oronation ison (DC):       5         Depth											
Location distance and direction from RP:         Latitude:       N32* 30* 57.91*         Longitude:       W103* 16* 58.94*         Elevation above mean sea level:       3566         Feet from South Section Line:       5900         Feet from West Section Line:       3980         Location - Unit and 1/4 1/4:       UL-         Location - Township:       215         Location - Township:       38E         Surface water body within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0         Domestic water wells within 1000* radius of Site:       0         Agricultural water wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0         Public water supply wells within 1000* radius of Site:       0 <tr< td=""><td></td><td>Point (RP):</td><td></td><td></td><td><u></u></td><td></td></tr<>		Point (RP):			<u></u>						
Longitude:       W103' 16' 58.94"         Elevation above mean sea level:       3566       -ft amsl         Feet from South Section Line:       3600         Feet from West Section Line:       3980         Location - Unit and 1/4       1/4       UL         Location - Section:       5         Location - Township:       21S         Location - Range:       38E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) for land surface to ground water (DG):       120         Depth (ft) for outramination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):       115         1       1       3         1       Surface to points         Surface 10 points <td>, and the second se</td> <td></td> <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>	, and the second se					· · · · · · · · · · · · · · · · · · ·					
Elevation above mean sea level:       3566       -ft amsl         Feet from South Section Line:       3980         Location - Unit and 1/4       1/4:       UL-         Location - Township:       21S         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) for ontamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):       115         1. Ground Water       2. Wellhead Protection Area       3. Distance to Surface Water Body         If Depth to GW >100 feet: 0 points       Surce: 20 points       >1000 horizontal feet: 10	Latitude:		N32° 30' 57	7.91"							
Feet from South Section Line:       5600         Feet from West Section Line:       3980         Location - Unit and 1/4 1/4:       UL H       SE 1/4 of NE 1/4         Location - Section:       5         Location - Township:       21S         Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         I' Depth (ft) for ontrater domestic water source, or,	Longitude:		W103° 16'	58.94"							
Feet from West Section Line:       3980         Location - Unit and 1/4 1/4:       UL-       H       SE 1/4 of       NE 1/4         Location - Section:       5	Elevation above mean	sea level:	3566	-ft amsl		· · · · · · · · · · · · · · · · · · ·					
Location - Unit and 1/4 1/4:       UL-       H       SE 1/4 of NE 1/4         Location - Section:       5         Location - Township:       21S         Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         I optint fit of contamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):	Feet from South Section	on Line:	5600		البار عند البرا الأرب المتلك الإساسا عن الم	, , , , , , , , , , , , , , , , , , ,					
Location - Unit and 1/4 1/4:       UL-       H       SE 1/4 of NE 1/4         Location - Section:       5         Location - Township:       21S         Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         I optint fit of contamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):			3980	· · · · · · · · · · · · · · · · · · ·		<u></u>					
Location - Section:       5         Location - Township:       21S         Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) form land surface to ground water (DG):       120         Depth (ft) of contamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):       115         11       1       3.0 Distance to Surface Water Body         If Popth to GW <50 feet: 20 points				SE 1/4 of NE	E 1/4	,					
Location - Township:       21S         Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) from land surface to ground water (DG):       120         Depth (ft) of contamination (DC):       5         Depth (ft) of contamination (DC):       5         Depth to GW <50 feet: 20 points											
Location - Range:       36E         Surface water body within 1000' radius of Site:       0         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) for contamination (DC):       5         Depth (ft) of contamination (DC):       5         Vertific to GW <50 feet: 20 points	······										
Surface water body within 1000' radius of Site:       0         Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) from land surface to ground water (DG):       120         Depth (ft) of contamination (DC):       5         Depth to GW <50 feet: 20 points		······			******						
Surface water body within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) from land surface to ground water (DG):       120         Depth (ft) of contamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):       115         1. Ground Water       2. Wellhead Protection Area       3. Distance to Surface Water Body         If Depth to GW 50 to 99 feet: 10 points       16 <1000' from water source, or, <200 from private domestic water source; 20 points		thin 1000' radius of Site		0							
Domestic water wells within 1000' radius of Site:0Domestic water wells within 1000' radius of Site:0Agricultural water wells within 1000' radius of Site:0Agricultural water wells within 1000' radius of Site:0Public water supply wells within 1000' radius of Site:0Depth (ft) form land surface to ground water (DG):120Depth (ft) of contamination (DC):5Depth (ft) to ground water (DG - DC = DtGW):1151. Ground WaterIf <1000' from water source, or, <200 from private domestic water source: 20 points200 horizontal feet: 20 pointsIf Depth to GW >50 to 99 feet: 10 pointsIf <1000' from water source, or, >>200' from private domestic water source: 0 points>1000 horizontal feet: 0 pointsGround water Score:0Wellhead Protection Area Scor 0Surface Water Score: 0Site Rank (1+2+3) = 000Benzene110 ppm10 ppm0Benzene110 ppm10 ppm0Benzene110 ppm50 ppm50 ppmTPH100 ppm1000 ppm5000 ppm											
Domestic water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Agricultural water wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Public water supply wells within 1000' radius of Site:       0         Depth (ft) from land surface to ground water (DG):       120         Depth (ft) of contamination (DC):       5         Depth (ft) to ground water (DG - DC = DtGW):       115         If Depth to GW <0 feet: 0 points	a and the second se			0							
Agricultural water wells within 1000' radius of Site:     0       Agricultural water wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Depth (ft) from land surface to ground water (DG):     120       Depth (ft) of contamination (DC):     5       Depth (ft) to ground water (DG - DC = DtGW):     115       1. Ground Water     2. Wellhead Protection Area     3. Distance to Surface Water Body       If Depth to GW <50 feet: 20 points											
Agricultural water wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Depth (ft) form land surface to ground water (DG):     120       Depth (ft) of contamination (DC):     5       Depth (ft) to ground water (DG - DC = DtGW):     115       1. Ground Water     2. Wellhead Protection Area     3. Distance to Surface Water Body       If Depth to GW <50 feet: 20 points					····						
Public water supply wells within 1000' radius of Site:     0       Public water supply wells within 1000' radius of Site:     0       Depth (ft) from land surface to ground water (DG):     120       Depth (ft) of contamination (DC):     5       Depth (ft) to ground water (DG - DC = DtGW):     115       1. Ground Water     2. Wellhead Protection Area       1f Depth to GW <50 feet: 20 points											
Public water supply wells within 1000' radius of Site:     0       Depth (ft) from land surface to ground water (DG):     120       Depth (ft) of contamination (DC):     5       Depth (ft) to ground water (DG - DC = DtGW):     115       1. Ground Water     2. Wellhead Protection Area       If Depth to GW <50 feet: 20 points											
Depth (ft) from land surface to ground water (DG):120Depth (ft) of contamination (DC):5Depth (ft) to ground water (DG - DC = DtGW):1151. Ground Water2. Wellhead Protection Area3. Distance to Surface Water BodyIf Depth to GW <50 feet: 20 pointsIf <1000' from water source, or, <200' from private domestic water source: 20 points<200 horizontal feet: 20 pointsIf Depth to GW >50 to 99 feet: 10 pointsIf >1000' from water source, or, >>200' from private domestic water source: 0 points>200-100 horizontal feet: 10 pointsIf Depth to GW >100 feet: 0 pointsIf >1000' from water source, or, >>200' from private domestic water source: 0 points>1000 horizontal feet: 0 pointsGround water Score:0Wellhead Protection Area Scor0Site Rank (1+2+3) =0Total Site Ranking Score and Acceptable ConcentrationsParameter20 or >10Benzene110 ppm10 ppmBTEX150 ppm50 ppmTPH100 ppm1000 ppm											
Depth (ft) of contamination (DC):     5       Depth (ft) to ground water (DG - DC = DtGW):     115       1. Ground Water     2. Wellhead Protection Area     3. Distance to Surface Water Body       If Depth to GW <50 feet: 20 points     If <1000' from water source, or, <200' from private domestic water source: 20 points     <200 horizontal feet: 20 points       If Depth to GW >100 feet: 0 points     If >1000' from water source, or, >>200' from private domestic water source: 0 points     >1000 horizontal feet: 0 points       Ground water Score:     0     Wellhead Protection Area Scor     0     Surface Water Score:     0       Site Rank (1+2+3) =     0     0     0       Parameter     20 or >     10 ppm     0       Benzene1     10 ppm     10 ppm     0       BTEX1     50 ppm     50 ppm     50 ppm       TPH     100 ppm     1000 ppm     5000 ppm											
Depth (ft) to ground water (DG - DC = DtGW):1151. Ground Water2. Wellhead Protection Area3. Distance to Surface Water BodyIf Depth to GW <50 feet: 20 points			<u> </u>								
1. Ground Water2. Wellhead Protection Area3. Distance to Surface Water BodyIf Depth to GW <50 feet: 20 points			<u>}։</u>			***					
If Depth to GW <50 feet: 20 points		······································	(		3	Distance to Surface Water Body					
<200° from private domestic water source: 20 points     200-100 horizontal feet: 10 points       If Depth to GW >100 feet: 0 points     If >1000' from water source, or, >200' from private domestic water source: 0 points     >1000 horizontal feet: 0 points       Ground water Score:     0     Wellhead Protection Area Scor     0     Surface Water Score:     0       Site Rank (1+2+3) =     0     Total Site Ranking Score and Acceptable Concentrations     0       Parameter     20 or >     10 ppm     10 ppm       Benzene <sup>1</sup> 10 ppm     50 ppm     50 ppm       BTEX <sup>1</sup> 50 ppm     50 ppm     50 ppm       TPH     100 ppm     1000 ppm     5000 ppm			If <1000' from water source, or,		1						
If Depth to GW >100 feet: 0 points     If >1000' from water source, or, >200' from private domestic water source, or, >200' from private domestic water source: 0 points     >1000 horizontal feet: 0 points       Ground water Score:     0     Wellhead Protection Area Scor 0     Surface Water Score:     0       Site Rank (1+2+3) =     0     0     Surface Water Score:     0       Parameter     20 or >     10     0     0       Benzene <sup>1</sup> 10 ppm     10 ppm     10 ppm       BTEX <sup>1</sup> 50 ppm     50 ppm     50 ppm       TPH     100 ppm     1000 ppm     5000 ppm	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		•							
If Depth to GW >100 feet: 0 points     >200' from private domestic water source: 0 points     >1000 horizontal feet: 0 points       Ground water Score:     0     Wellhead Protection Area Scor 0     Surface Water Score:     0       Site Rank (1+2+3) =     0     0     0     0       Parameter     20 or >     10     0     0       Benzene <sup>1</sup> 10 ppm     10 ppm     10 ppm       BTEX <sup>1</sup> 50 ppm     50 ppm     50 ppm       TPH     100 ppm     1000 ppm     5000 ppm		o reet. To points				00-100 horizontal feet: 10 points					
Ground water Score:       0       Wellhead Protection Area Scor       0       Surface Water Score:       0         Site Rank (1+2+3) =       0       Total Site Ranking Score and Acceptable Concentrations       0         Parameter       20 or >       10       0       0         Benzene <sup>1</sup> 10 ppm       10 ppm       10 ppm         BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm	If Depth to GW >100 f	eet: 0 points	>200' from private domestic water >1		>1000 hor	>1000 horizontal feet: 0 points					
Site Rank (1+2+3) =       0         Total Site Ranking Score and Acceptable Concentrations         Parameter       20 or >       10       0         Benzene <sup>1</sup> 10 ppm       10 ppm       10 ppm         BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm	Ground water Score	0									
Total Site Ranking Score and Acceptable Concentrations         Parameter       20 or >       10       0         Benzene <sup>1</sup> 10 ppm       10 ppm       10 ppm         BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm											
Parameter       20 or >       10       0         Benzene <sup>1</sup> 10 ppm       10 ppm       10 ppm         BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm											
BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm	Parameter 20 or >										
BTEX <sup>1</sup> 50 ppm       50 ppm       50 ppm         TPH       100 ppm       1000 ppm       5000 ppm											
TPH       100 ppm       5000 ppm											
						وكالتك المحاجبة والسياب كالنداب المتعرف فالبجراني كالكاري كالمتكر المتعاد المتجم بمناجب المحاد المحاد المحاد					
<sup>1</sup> 100 ppm field VOC headspace measurement may be substituted for lab analysis	and the second se		nt may be si	والتبار والمرابعة والمترافية والمتحالية والمتحاطية والترجيب ومرابا ومحدا والمحدود والمتحد والمتحد والمتحد	s						







