NM1-10-A

$\mathbf{C-138}$

Date: 1996

Tierra Land Farm

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District II(505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131	FUTHE C-130 Originated 4/18/95 Department Submit Origina Plus 1 Copy to appropriate
Aztec, NM 87410 (505) 827-7131	District Office
REQUEST FOR APPROVAL TO ACCEPT SO	
	4. Generator
Verbal Approval Received: Yes No By: 0. Forst 2. Management Facility Destination	Conoco GAS Plant
	5. Originating Site
3. Address of Facility Operator	$\frac{\# 61 CR 45 \\ 3 \\ 0 \text{Transporter} C \\ 0 0 0 0 0 0 0 0 0 0$
#420 CR 3100 Actec Nm 82410	
7. Location of Material (Street Address or ULSTR) 540 Jun	8. State
#GI CR #200 BloomField Nm 82413	nm
9. Check One	
All requests for approval to accept oilfield exempt wastes will be accompanied by a c	ertificate of waste from the Generator; one
certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece	seary chemical analyses to prove
the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only the	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL: ScruBBer WASTE From	Gas Plush
(GAS Trent 102)	
DECE	
Held C-138 for reproducible OIL COIL certificate of moste. DIST	
Estimated Volumeyd 3 / Known Volume (to be entered by the operation of the second sec	tor at end of haul):yd ³
7/1/1/-	
SIGNATURE TITLE TITLE TITLE SPec	DATE
TYPE OR PRINT NAME ToJO D. Nob: 5 TELEPH	ONE NO. <u>(505) 334-8894</u>
[This space for State Use)	
APPROVED BY Demy B. Fant TITLE Geologist	DATE <u>//3//97</u>
APPROVED BY June Buple TITLE Geologist	DATE <u>113187</u>

005 TO 815056324930 5056324930 TO 391214 PAGE.003/003 P.02/02

08/01/96 15:28 2505 334 9024

TIEREA ENVIEON

10001

TIERRA ENVIRONMENTAL COMPANY Inc.

429 COUNTY ROAD 3160 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87491-5258

PHONE (505) 334-5894 FAX (505)334-9824

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- T- R- 1/4: 1/4 County State Physical Address if appropriate: 4 County Al 4720 Blandids, NM 87413

Source and description of wester.

Gas Trar 102. It is used to purify gas stream by removing CD2 and strake amants of H2S.

Destination: There Landfarm Facility, 420 CR 3100, Azrac, San Juan Co. N.M.

I Chris Hanson (EN. Engineer) sepresentative Box Conso In. Sen Jam Grs Plang

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described wasts is _____ Exempt

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is harato attached:

Chack appropriate line(s):

MSDS Information sheet

RCRA Metals Analysis

Appentir brand tax transmittal mano 7671 (dorman > 1 Lewis S Ferra (Tele) a Conoco bat 334-3351 Alto 632-4730 Auto 334-9034 627-4907

___Corrosivity, Ignitability, Reactivity

I forther cartify that there has been no change in process employed or obemicals stored / used at the facility generating the waste since

Signature	<i>L</i>	June O Hors	
Printed N		Chris Hanson	-
Title	Environme	rel Fordinan	
Dete	8/13/14		

585 334 9824 PAGE.881

** TOTAL PAGE.002 ** ** TOTAL PAGE.003 ** 5056324930_TO 93349024

	Champlan	-	· · · · · · ·
	ischnologies, inc		Page 3 of 3
		gas treat	102
			•
	SECTION 7 - SPECIAL PRECAUTIONS	AND SPILL/LEAK PROCE	
	STEPS TO BE TAKEN IN CASE MATER		
	Shut off ignition sources. No Stop leak if you can do it with	fleres, smoking or 71 out risk Warer sort	Jønes in hetero øfe Ny maviraduce vsnor
	it may not prevent ignition in a other noncombustible absorbent disposal. ALWAYS WEAR PROPER PE SPILL OR LEAK FLUSH SPILL AREA	closed areas. Take c material and place in REGNAL PROTECTIVE EQU	up spill with sand n containers for la JIPMENT WHEN ADDRES
			· · · ·
	WASTE DISPOSAL METHOD: Contect an EPA or State Approve	d Disposal Facility.	
		و الله الله الله الله الله الله الله الل	
:	SECTION 8 - SPECIAL PROTECTION	INFORMATION/CONTROL	AEASURES
	** * * * * * * * * * * * * * * * * * * *		
R	Respiratory Protection (Specify Type): NONE	REQUIRED UNDER NORM	al conditions
1	Ventilation: Local Exhaust: Re	commended General	l Exhaust: Recommen
•	Special: USE SCBA WHEN ENTERIN	G TANKS	
1	Protective Gloves: Chemically	Resistant / Non-Slip	
1	Eye Protection: Chemical Sa	fety Goggles / Stfet	y Glasses
ł	Other Protective Clothing or Eq		Splesh Aprons. and Safety Shower
8	Work/Hygonic Proctices: Clean up Spill	s Promptly, Wash Con	teminated Clothing.
	SECTION 9 - SHIPPING DATA		Champion Label No.
H		Labels Required:	bo) en duide no.:
		39 OXIDIZER	45
	Proper Shipping Name/Descriptio OXIDIZING SUBSTANCES, LIGUID, N (SODIUM NITRITE)	n: 10.5.,5.1,UN 3139,PG	1) 1)
	RQ in lbs. RQ in gallons of; Flash	Point, F: Ptg. Group:	INGG Pg.Ho.;
Ð	250 22 8,8-9,3	NONE	I 5163

TOTAL P.06 PAGE.006

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** TOTAL PAGE.004 **

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Page ? of 1

ANS TREAT 102

SECTION S - PHYSICAL HAZAPDS (REACTIVIT	Y DATA)

Chemical Stability: STABLE	
Commander Occollicy: STABLE	
Conditions To Avoid: OPEN FLAMES	· ·
Incompatibility (materials to avoid): DRGANICS, AMMO	NIUM BALTS, REDUCING ABENTS, WOOD
	· · ·
Hezerdous Decomposition/Byproducts: OXIDES OF CARB	on & Nitrogen
Hazardous Dolumentines	
Hazandous Polymerization: WILL NOT O	
Hazard Rating Scale: HEALTH: 2 5	
	REACTIVITY D
(desevene, Sessefour	lamoderate, laglight, Oaminima)
SECTION 6 - HEALTH HAZARDS	
PRIMARY ROUTES OF ENTRY	
Inhalation: X Absorption: X []	WARREN (U) CCIONI NA
	Adsitout V (L)actions VH
HEALTH HAZARDS:	
HEALTH MAZARDS: Human health effects of overexposure to may include skin irritation with diacom	this product by skin or typ contac-
HEALTH HAZARDS: Human health effects of overexposure to may include skin irritation with discom- with discomfort, tearing, or blurring of	this product by skin or sym contactor fort or rash; or eye irritation f vision. Inhalation or indestion
HEALTH HAZARDS: Human health effects of overexposure to may include skin irritation with discom- with discomfort, tearing, or blurring of may cause low blood pressure with header	this product by skin or sym contactor fort or rash; or eye irritation f vision. Inhalation or ingestion
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GAS TREAT 10? SECTION 1 - IDENTIFICATION IBM 40088 Champion Technologies. Inc. EMERGENCY TELEPHONE NUMBERS, 3108 FM 531 Franc. TX 77865 1-713-431-2561 PO. BOX 450459 Mouston, TX 77865 1-713-431-2561 Trans Name: GAS TEEXT 102 Chemics I Zamity: INDGGANG SALTS Climatic I Zamity: INDGGANG SALTS SECTION 2 - MAZARDONS INGREDIENTS/IDENTITY Mazerdout Component; CAS No., Mt. & OGMA(PEL SODIUM NITPITE 7532-00-0 40 ND SODIUM NITPITE 7532-00-0 40 ND SODIUM NITPITE 7532-00-0 40 ND SECTION 3 - OMYSICAL & CHEMICAL CHARACTERISTICS Boiling Point. F: ND Specific Gravity (H2Dil): 1.25-1.3 Vapor Pressure (mm Mg): ND Evaporation Rate: ND Vapor Dansity (Airn1): ND (Buty) receiver) H: SOLUBILITY INATE: SOLUBLE SODIUM NITPITE 7128 SOLUBILITY INATE: SOLUBLE Appearance and Odor: 7128K REUE LIQUID WITH MILD ODOR SECTION 4 - FIRE & ENDOSION DATA FIRE MAZARDS: This material may burn, but deet not readily ignite. Product would be a fire hestard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: FIRE MAZARDS: This material may burn, but deet not readily ignite. Product would be a fire hestard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: FIRE MAZARDS: This material may burn, but deet not readily ignite. Product would be a fire hestard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: Flead fire ares with water; do not use dry chemical, CO2 of NaIon. Move to allow of containers that are showed to finder putil well after fire OUT. Stay away from end of containers. EXTINGUISHING MEDIA: Flead fire ares with water; do not use dry chemical, CO2 of NaIon. Move to allow of containers that are showed to finder putil well after fire OUT. Stay away from end of containers.		s Unfolftiption I technologies, Inc.		MATERIA	L. SAFETY	DATA	AQ Shret
SECTION 1 - IDENTIFICATION 18M 400R8 Champion Technologies, Inc. EMERGENCY TELEPHONE NUMBER, 3130 FM 521 Fresho, TX 77845 1-713-431-2561 PD. BOX 450438 Housson, TX 77845 1-800-424-300 (AFMITREC) Trade Name: GAS TORAT 100 Chemical Eanlity: INDRGANJC SALTS UH M: MARGENERY: INGREDIENTS/IDENTITY Hazardous Component; CAS No. Mt.\$ OSHA(DEL) SODILIM N(TPITE 7532-00-0 AD ND SODILIM N(TPITE SADITION NUMERTEDIENTS/IDENTITY I.3 SODILIM N(TPITE SADITION NUMERTEDIENTS/IDENTS/IDENTITY I.3 SODILIM N(TPITE SADITION N							
Champion Technologies. Inc. BMERGENCY TELEPHONE NUMBERS. 3130 GM 521 Gresso. IX 77845 I-713-631-2561 PO. BOX 450489 Moustan, TX 77845 I-713-631-2561 Trade Name: GAS TREAT 102 Chemical Eamlity: NUMBRANIC SALTS Chemical Eamlity: NUMBRANIC SALTS SECTION 2 - MAZARDOMS (NOREDIENTE/IDENTLY Mazerdous Component; CAS No. Net & OSMA(DEL SODHUM N(TEITE 7537-00-0 40 ND SODHUM N(TEITE 7537-00-0 40 ND SODHUM N(TEITE 7537-00-0 40 ND SODHUM N(TEITE 7537-00-0 40 ND SECTION 3 - DHYSICAL & CHEMICAL CHARACTERISTICS Density (Airs1): ND Sectific Gravity (H20il): 1.25-1.5 Vapor Pressure (mm Hg): ND Sectific Gravity (H20il): 1.25-1.5 Solubility in Water: SOLUBLE Appearance and Cdor: DARK BLUE LIQUID WITH: MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Fleen Point, F & Method Fleen Fleen Point, F & Method Fleen Fleen Point Fleen Poin		SECTION 1 - IDENTIFICAT	TON				18M 40088
Chemical Egan(1y: INDRGAN)C SaLTS (15 Ma): MAMIGIAT Prevent: 10/85/M Prepared by: J. Schwnict SECTION 3 - MAZAROOVE INGREDIENTS/IDENTS/IDENTITY Mazardous Component: CAS No. N+.% OGHA(PEL SODILIM N(TPITE 7532-00-0 40 ND SODILIM N(TPITE 7532-00-0 40 ND SODILIM N(TPITE 7532-00-0 40 ND NITELESS can react with certain amines to form Nitrossmines*(SEE MEALT SECTION 3 - DAYSICAL & CHEMICAL CHARACTERISTICS Boiling Point. F: ND Specific Gravity (H20x1): 1.25-1.2 Vapor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Density (Air=1): ND (buty) recetets1) pH: 2 8-9 3 Viscosity: 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: TARK BLUE LIQUID WITH MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flambable Limits: LEL.% ND UEL.% NI NONE PMCC Based on: NA FIRE MAZARDS; This material may burn, but does not readily ignite. Product would be a fire hersard only if dried to a poulder by boiling off water. EXTINGUISHING MEDIA: Flash form fire area if you can do it without rask, Apply ceoling us to sides of containers that are evbosed is whith well after fire OUT, Stay away from ence of containers.		3130 FM 531 Fresho	lnc. . T.C. 77545	En 1-	HERGENCY	3561	
SECTION 2 - HAZARDONE INGREDIENTS/IDENTITY Hazerdous Component; CAS No. Nt. \$ OSHA(PEL SUDILIM NITPITE 7532-00-0 40 ND * Breates a chesical subject to the reporting requirements of SMM Hills III Material Sugaries: 1,3 ND * Breates a chesical subject to the reporting requirements of SMM Hills III Material Sugaries: 1,3 ND * Mitritess can react with contain amines to form Nicrossmines*(SRE HEALT SECTION 3 - DMYSICAL & CHEMICAL CHARACTERISTICS Boiling Point, F: ND Specific Gravity (H20x1): 1.25-1.2 Vapor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Dansity (Airs1): ND (buty) recenter1) 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: NAR Flash Point, F & Method Flammable Limits: LEL,% ND UEL,% NI MOME PMCC Based on: NA NA Extended on: NA FIRE MAZARDS: This material may burn, But does not readily ignite. Product would be a fire heard only if dried to a pounder by boiling off water. EXTINGUISHING MEDIA: Flame to it without rask, Apply cooling us to sldes of containers that is e whosed to flames putil well after fire dut. Stay away from ends of containers. <th></th> <th>Chemical Family: INORGA Cls No.: DB0D91E149Y 2-4</th> <th>NIC SALTS</th> <th>presere</th> <th>dy: 3. 1</th> <th>Schurnict</th> <th></th>		Chemical Family: INORGA Cls No.: DB0D91E149Y 2-4	NIC SALTS	presere	dy: 3. 1	Schurnict	
Hazardous Component; CAS No. N+ 1 OSHA(PEL SUDIUM N(TPITE 7537-00-0 40 ND I Instruction of the reporting requirement of SAM Title III meetins 113 of 1181 ND ND I Instruction of the reporting requirement of SAM Title III meetins 113 of 1181 ND ND I Instruction of the reporting requirement of SAM Title III meetins 113 of 1181 ND ND I Instruction of the reporting requirement of SAM Title III meetins 113 of 1181 ND SAM Title III Meetins 118 of 1181 I Instruction of the reporting requirement of SAM Title III meetins 118 of 1181 ND SAM Title III Meetins 118 of 1181 Section Pressure (mm Hg): ND Evaporation Rate: ND Vapor Density (Airs1): ND (buty) deceteters1) 8 CPS Solubility in Mater: SOLUBLE Appearance and Odor: 7ARK BLUE LIGUID WITH MILD ODOR Section 4 - FIRE & EXPLOSION DATA NOME PMCC Based on: NA Fire hazards: This material may burn, But does not readily ignite. Product would he a fire hazard only if dried to a pounder by boiling off water. EXTINGUISHING MEDIA: Fire hazard only if dried to a pounder by boiling off water. EXTINGUISHING MEDIA: Set of containers the exposed to flames until well after fire out. Stay away from ends of containers.		SECTION 2 - HAZARDOUS I	NGREDIENTS/I	DENTITY	•	• • • • • • •	
 * Breets a chemical subject to the reporting requirements of SAMA litis III Material Sama Sizes Siz							QSH2(PEL
MA 40 DR part 77. SMA Title III Named Geographies: 1, 3 "Nitrites can react with certain amines to form Nitrobabmines"(SEE HEALTH SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS 1, 3 Boiling Point, F: ND Specific Gravity (H201): 1.25-1.3 Vapor Pressure (nm Hg): ND Evaporation Rate: ND Vapor Density (Airel): ND Evaporation Rate: ND Vapor Density (Airel): ND (buryl accetaterl) ND pH: 2 8-9.3 Viscosity: 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: NARK BLUE LIQUID with MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flammable Limits: LEL,% ND FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire heased only if dried to a pounder by boiling pff water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Helon. Meve container from fire area if you can do it withdut risk, Apply cooling water sides of containers that are exhoused to flomes whill well after fire dut, Stay away from ends of containers.	•	SODIUM NITRITE		7532-00-0	40		ND:
MA BOR part 77. SAM This III Ward Gargaries: 1, 3 FNitrites can react with certain amines to form Nitromamines*(SEE HEALTH SECTION 3 - DHYSICAL * CHEMICAL CHARACTERISTICS 1, 25 Boiling Point, F: ND Specific Gravity (H20s1): 1.25-1.5 Vapor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Density (Airs1): ND (butyl scetter1) ND pH: 2 8-9.3 Viscosity: 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: NARK BLUE LIQUID WITH MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flammable Limits: LEL,% ND FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire heard only if dried to a pounder by boiling pff water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Helon. Meve container from fire area if you can do it withdut risk, Apply cooling water stats are exhoused to flomes would would be files of containers that are exhoused to flomes would would a fire of the prove of the start of th				· · · · ·		•	
MA 40 DR part 77. SMA This III Harred Gragaries: 1, 3 FNitrites can react with certain amines to form Nitromamines*(SEE HEALTH SECTION 3 - PHYSICAL * CHEMICAL CHARACTERISTICS 1, 25 Boiling Point, F: ND Specific Gravity (H201): 1.25-1.3 Vapor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Density (Airel): ND Evaporation Rate: ND PH: 2 8-9.3 Viscosity: 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: NARK BLUE LIQUID WITH MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flambable Limits: LEL,% ND FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire heard only if dried to a pounder by boiling pff water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Helon. Meve container from fire area if you can do it withdut risk, Apply cooling water sides of containers that are exhoused to flomes whill well after fire dut. Stay away from ends of containers.				·		· · ·	
 pH: 28-9.3 Viscosity: 8 CPS Solubility in Water: SOLUBLE Appearance and Odor: DARK BLUE LIQUID WITH MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flammable Limits: LEL,% ND UEL,% NI NONE PMCC Based on: NA FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a powder by boiling aff water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, CO2 or Nalon Move container from fire area if you can do it without risk, Apply cooling watto sides of containers that are exposed to flames until well after fire out. Stay away from ends of containers. 		Boiling Point, F: Vapor Pressure (mm Hg):	ND ND	Specifić Evsporat	Gravity	•	
 SECTION 4 - FIRE & EXPLOSION DATA Flash Point, F & Method Flammable Limits: LEL, & ND UEL, & NI NONE PMCC Based on: NA FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a poulder by boiling off water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Nalon. Move container from fire area if you can do it without risk. Apply cooling water sides of containers that are exposed to flames until well after fire out. Stay away from ends of containers. 		pH: Solubility in Water:	2 8-9.3 Soluble	Viscosit	iya (•	8 CPS
Flash Point, F & Method Flammable Limits: LEL, & ND UEL, & NT NONE PMCC Based on: NA FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Malon. Move container from fire area if you can do it without risk. Apply cooling wa to sides of containers that are exposed to flammers which well after fire out. Stay away from ence of containers.		A COOPE	WARE BLUE L	IGUID WITH	MILDODO	R	•
NONE PMCC Based on: NA FIRE MAZARDS: This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Nalon. Move container from fire area if you can do it without risk. Apply cooling wa to sides of containers that are exposed to flames until well after fire out. Stay away from ence of containers.		SECTION 4 - FIRE & EXPLO	OSION DATA		• • • • • • • • • • • • • • • • • • • •	****	***************
This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a powder by boiling off water. EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, GO2 or Halon. Move container from fire area if you can do it without risk. Apply cooling wa to sides of containers that are exposed to flames whill well after fire out. Stay away from ence of containers.		Flash Point, F & Method	Flamma		LEL.	8 ND	
EXTINGUISHING MEDIA: Flood fire area with water; do not use dry chemical, CO2 or Nalon. Move container from fire area if you can do it without risk. Apply cooling wa to sides of containers that are exposed to flames whill well after fire out. Stay away from ence of containers.		NUME PHUC	ଞିକ୍ଷ ବର୍ଷ	on: NA	,	. ,	UEL, & NI
Flood firs area with weter; do not use dry chemical, CO2 or Malon. Move container from fire area if you can do it without risk. Apply cooling we to sides of containers that are exposed to flames whill well after fire out. Stay away from ends of containers.	-	FIRE MAZARDS: This material may burn.	Based -	on: NA	anita D	toduct	ware for two
to sides of contsinent that are exposed to flames until well after fire out. Stay away from ends of containers.	-	FIRE MAZARDS: This material may burn.	Based -	on: NA	anita D	toduct	ware for two
	-	FIRE MAZARDS: This material may burn, a fire hasard only if du EXTINGUISHING MEDIA:	، لای کو کو کی ایم اون به وی ایم ایم اون به وی ایم ایم	on: NA t readily i iden by boi	gnite. P ling Øff	roduot water	would be
		FIRE MAZARDS: This material may burn, a fire hazard only if do EXTINGUISHING MEDIA: Flood fire area with we container from fire area to sides of containers	Based . but does no ried to a poi ter; do not : * if you can	on: NA t readily i den by boi de ty chi do it with	gnite, P ling off mical, G	roduot water 02 or 1	wauld be Valon Mave

Insurict 1(305) 373 0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131	FOFTH C-130 Originated 4/18/95 Department Submit Origina: Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: X Non-Exempt: DATE: $12 \cdot 23 - 9 c$	4. Generator
Verbal Approval Received: Yes No By: D. Joust	BASin DiSPOSAL.
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. INC. LANDFARM	#6 CR 5046
3. Address of Facility Operator	6. Transporter
1= 420 CR 3100 Azter NM 82410	HJ. ent.
7. Location of Material (Street Address or ULSTR)	8. State
46 CR SOUL Bloomfield Nm 5-3, T. 29W R-11 W. SAN JUAN	Nm
9. Check One	·
 All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved. All transporters must certify that the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material be approved. 	sary chemical analyses to prove ssifted as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Solids mixed w/ Soil From waste water in sec (No Recoverable Hydrocarbons)	pro cess
DECEIVED N DEC 3 1 1996	
Estimated Volume <u>40 J</u> yd ³ Known Volume (to be entered by the operation of the operation	or at end of haul):yd ³
SIGNATURE TITLE TITLE SPI	<u>cialist</u> DATE 12-23-96
TYPE OR PRINT NAME Told D. Nob: 5 TELEPH	DNE NO
(This space for State Use) APPROVED BY Denny B. Form TITLE Geologist APPROVED BY Ernie Brack TITLE Geologist	DATE <u>12/31/96</u> DATE <u>1/3/97</u>

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-3 T-29NR-11W 1/4 1/4 County SAN JUAN State Nm Bloomfield Non Physical Address if appropriate: #6 CR 5046

From waste water Source and description of waste: cleun Soil with HYOTOCATBONS) Solid 5 mixed In Jection place 53 (No recoverable

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M. representative

χI RASIO DISPOSAL for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA). Non-Exempt and that it has been identified as that the above described waste is K Exempt non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

I further certify that there has been no change in process employed or chemicals

stored / used at the facility generating the waste since_

allin × Signature * Printed Name COLLIN D. HART

* Title_____Manager 12-23-96 × Date

District I(305) 333-0101New MexicoP.O. Box 1940New MexicoEnergy Minerals and Natural Resources IHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283Oil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131District IV(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9600 / 96007
1. RCRA Exempt: X Non-Exempt: DATE: 12-06-96	4. Generator
Verbal Approval Received: Yes No i By:	Burlington Resources
2. Management Facility Destination	
Tierra Environmental CO. Inc LANDFARM	MGrath SWD #4
3. Address of Facility Operator	6. Transporter
# 420CR3100AzecNm874107. Location of Material (Street Address or ULSTR)	CFEM
7. EDication of Material (Street Address or ULSTR)	8. State
5.34 T-30N R-Idw SAN JUAN County	Nm
9. <u>Check Óne</u>	•
All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.	ertificate of waste from the Generator; one
 B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved. All transporters must certify that the wastes delivered are only th 	assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Filtration of incoming	Fluid 5
To the McGrath SWD #4, TANK Bottoms W/N	
OWS 1, TANK BOTTOMS WIN	o Recoverable HydrocAsBons.
DECEN DEC - 6 19	
OIL CON.	DIV
Estimated Volume 600 BBLS Known Volume (to be entered by the operation	·
SIGNATURE <u>7/1 D. Not</u> TITLE <u>Environmental</u> 5/ TYPE OR PRINT NAME Todd D. Nobis TELEPH	ORE NO (505) 334-8894
	DATE <u>12/6/96</u> DATE <u>12/6/96</u>

..

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

the Machath stors #4

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>34</u>T-<u>301</u>R-<u>124</u>1/4_1/4_County <u>Sup</u> <u>Jun</u> State <u>MM</u> Physical Address if appropriate: <u>Ma Gra</u> La SWD 214

Source and description of waste:

in tation well

Filtration of incom

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

____ representative Resources for unling her

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \underline{X} Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

___MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Printed Name / PATG A. Representative Title Furthermontal Date 12/5-196

Denny Foust

From:Roger AndersonTo:Denny FoustSubject:Meridian McGrath wasteDate:Tuesday, November 26, 1996 11:29AMPriority:High

Phil is on the phone with me now. As I said over the phone, the waste will retain it's exemption if the non-exempt portion of the waste is non-hazardous or if the non-exempt portion of the waste is hazardous and the resulting mixture does not exhibit the same characteristic that made the non-exempt portion hazardous.

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:			
O llotta.	Philip Environmental	Project #:	96036
Sample ID:	102496-01	Date Reported:	10-25-96
Lab ID#:	A713	Date Sampled:	10-24-98
Sample Matrix:	Sludge	Date Received:	10-24-96
Preservative:	Cool	Date Analyzed:	10-25-96
Condition	Cool & Intact	Chain of Custody:	4987
Parameter	Result	······································	· · · · · · · · · · · · · · · · · · ·
IGNITABILITY:	Did not ignite upon o	lirect contact with flame.	
CORROSIVITY:	7.32		
REACTIVITY:	Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).		
RCRA Hazardous Waste (Criteria		
_	Hazardous Waste Criterion		
Parameter		1	
		t contact with flame indicates	
IGNITABILITY:	Sample Ignition upon direc hazardous weste status.	t contact with flame indicates DigripH greater than or equal to 12.5	·
	Sample Ignition upon direc hazardous waste status. pH less than or equal to 2.0 indicates hazardous waste	t contact with flame indicates 0 or pH greater than or equal to 12.5 status.	
	Sample Ignition upon direc hazardous waste status. pH less than or equal to 2.0 indicates hazardous waste Violent reaction with water,	t contact with flame indicates D or pH greater than or equal to 12.5 status. strong base (10N Sodium	
	Sample Ignition upon direc hazardous waste status. pH less than or equal to 2.0 indicates hazardous waste	t contact with flame indicates 0 or pH greater than or equal to 12.5 status. strong base (10N Sodium 6N Hydrocholoric Acid)	
	Sample Ignition upon direc hazardous waste status. pH less than or equal to 2.0 indicates hazardous waste Violent reaction with water, Hydroxide), or strong acid (indicates hazardous waste	t contact with flame indicates 0 or pH greater than or equal to 12.5 status. strong base (10N Sodium 6N Hydrocholoric Acid)	

I. Chienen Analyst

Itacy W sendler. Review

5796 U.S. Highway 64-3014 . Farmington, NM 87401 . Tel 505 . 632 . 0816 . Fax 505 . 632 . 1865

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Philip Environmental	Project #	96036
Sample ID:	102498-01	Date Reported:	10-29-96
Laboratory Number:	A713	Date Sampled:	10-24-96
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	Sludge	Date Extracted:	10-25-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool & Intact	Analysis Requested:	TCLP

		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0004	0.2
(1,1-Dichlorcethene	0.0071	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.6
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Jetrachloroothene	0.0057	0.0005	0.7
Chlorobenzene	0.0205	0.0003	1 00
1,4-Dichlorobenzene	0.0509	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	ptance Criteria	Parameter	Percent Recovery
		Trifluorotoluene	104%
		Bromofluorobenzene	96 %
References:	Method 1311, Toxicity C	Characteristic Leaching Procedure, S	
	Method 5030, Purge-an	d-Trap, SW-846, USEPA, July 1992	2
	Method 8010, Halogens	ated Volatile Organic, SW-848, USE	PA, Sept. 1994.
	Method 8020, Aromatic	Volatile Organics, SW-846, USEPA	. Sept. 1994.
Note:	Regulatory Limits based	I on 40 CFR part 261 Subpert C sec	don 281.24, July 1, 1992.
Comments:	McGrath 4 bwD.		

P. ajenen

tacy W Sendler Review

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EPA METHOD 8040 PHENOLS

Client:	Philip Environmental	Project #:	96036
Sample (D:	102498-01	Date Reported:	10-29-96
Laboratory Number:	A713	Date Sampled:	10-24-96
Chain of Custody:	4987	Date Received:	10-24-98
Sample Måtrk:	Siudge	Date Extracted:	10-25-98
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool & Intect	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresoi	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,8-Trichlorophenol	ND	0.020	400
Pentachlorophenot	0.079	0.020	100

ND - Paramotor not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	96%
	2,4,6-Tribromophenol	98%

References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

> Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid" Waste, SW-846, USEPA, July 1992.

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 198

Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments:

Note:

McGrath 4 bwD.

China Analys

tacy W Lendler Review

EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics

Client:	Philip Environmental	Project #:	96038
Sample ID:	102496 -01	Date Reported:	10-28-96
Laboratory Number:	A713	Date Sampled:	10-24-96
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	Sludge	Date Extracted:	10-25-98
Preservative:	Caol	Date Analyzed:	10-28-96
Condition:	Cool and Intact	Analysia Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5,0
Hexachloroethane	0.088	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	0.087	0.020	0.13
HexachioroBenzene	ND	0.020	0.13

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		2-fluorobiphenyl	99%
References:	Method 3510, Separator	haracteristic Leaching Procedur y Funnel Liquid-Liquid Extraction atics and Cyclic Ketones, SW-8	n, SW-846, USEPA, July 1992.
Note:	Regulatory Limits based	on 40 CFR part 261 Subpart C	section 261.24, July 1, 1992.

Comments:

McGrath 4 bwD.

Analyst

Stacy W Sendler Review

5796 U.S. Highway 64-3014 . Farmington, NM 87401 . Tel 505 . 632 . 0815 . Fax 505 . 632 . 18 5

RACTICAL SOLUT IONS FOR A BE

EPA METHOD 1311 **TOXICITY CHARACTERISTIC** LEACHING PROCEDURE TRACE METAL ANALYSIS

	and the second se	· · · · · · · · · · · · · · · · · · ·	
Client:	Philip Environmental	Project #:	96036
Sumple ID:	102498-01	Date Reported:	10-29-96
Laboratory Number:	A713	Date Sampled:	10-24-95
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	8ludge	Date Analyzed:	10-29-96
Preservativo:	Cool	Date Extracted:	10-25-96
Condition:	Cool & Intect	Analysis Neoded:	TCLP melet
	Concentration	Det. Limit	Regulatory Level
Parameter	(mg/L)	(mg/L)	(mg/L)
Arsenic	0.036	0.001	5.00
Barlum	18.2	0.01	100
Cadmium	0.001	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.003	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, References: July 1992.

> Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

> Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7761 Analysis of Metals by GFAA and Cold Vapor Techniques, SW-846, USEPA.

Noto:

Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments:

McGrath 4 bwD.

L. Clience

tacy W Sendler. Review

	· · · · · · · · · · · · · · · · · · ·			
District II(505) 353-0101P.O. Box 1940'New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	Coriginated 4/18/95 Department			
District III (505) 334-6178 Z040 Softini Facilieto Street District III (505) 334-6178 Santa Fe, New Mexico 87505 1000 Rio Brazos Road (505) 827-7131 (505) 827-7131	Submit Origina Plus 1 Copy to appropriate District Office			
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007			
1. RCRA Exempt: X Non-Exempt: DATE: 11-19-96	4. Generator			
Verbal Approval Received: Yes No By Eine Busch	BASIN Dispose			
2. Management Facility Destination	5. Originating Site			
3. Address of Facility Operator	6. Transporter			
420 (R 3100	Horaver Johnsons East.			
7. Location of Material (Street Address or ULSTR)	8. State			
5-3, T-29N, 11W	NEW Mexico			
9. <u>Check One</u>				
 All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job. 	certificate of waste from the Generator; one			
B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.				
All transporters must certify that the wastes delivered are only th	ose consigned for transport.			
BRIEF DESCRIPTION OF THE MATERIAL: TANK BO HOMS MIXED	with soil			
	DECEIVED DEC - 5 1996			
	OIII. CON. DIV. DIST. 3			
Estimated Volumeyd ³ Known Volume (to be entered by the opera	tor at end of haul):yd ³			
SIGNATURE Signature Signature Signature Signature	Ecustist DATE 11-19-96			
	IONE NO(505) 334-8894			
PROVED BY I Com Br & TITLE Feologist				
PPROVED BY ITLE	DATE <u>2/6/96</u>			

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>3</u> T-<u>27/1</u> R-<u>1/W</u> 1/4 <u>1/4</u> County <u>5</u> State <u>NM</u> Physical Address if appropriate:

Source and description of waste:

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

representative Т 150 mmonds for BASIN DISPOSAL

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is _____ Exempt _____ Non-Exempt and that it has been identified as

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

__MSDS Information sheet

____RCRA TCLP Analysis

____RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature` Printed Name Title #950 Date

Insurce 1 P.O. Box 1540New Mexico New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505District IV 1000 Rio Brazos Road Aztec, NM 874102040 South Pacheco 87505 (505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office			
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 76043 9007			
1. RCRA Exempt: X Non-Exempt: DATE: 11-11-96	4. Generator			
Verbal Approval Received: Verbal Approval Received: Verbal Approval Received: Verbal No By: F- Chave z	P.N.M			
2. Management Facility Destination	5. Originating Site			
TERRY Environmental CO. INC. LAND FARM	MANGum # 1 E			
3. Address of Facility Operator	6. Transporter			
17 420 CR 3100 Aztec NM 87410	Diamond D.			
7. Location of Material (Street Address or ULSTR)	8. State			
5.27 T-29N, R-11W UNIT F SAN JUAN	NM			
 9. Check One All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing 				
Will be approved. All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: containing feed Society for the second se	ion Dettrolration pit			
noa 1 3 1	996 B			
Image: String and Comparison Image: String and tred and Comparison	8			
Known volume (to be entered by the open				
	HONE NO. (505) 334-8894			
(This space for State Use) APPROVED BY Demy D. Tom/TITLE Geolog 157 APPROVED BY Enclose Real AITLE	DATE 1//13/96			

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TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-J7T-29~ R-1/~ 1/4 1/4 County SAN JUAN State N m Physical Address if appropriate: UN:FF.

Source and description of waste:

MANGUM IE Contaminuted 50.15 From De Hydration pit.

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I	GARY	Cools			 representative
for	P.N.M	GAS	service 5	•.	
	•				·

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \bigwedge Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

____MSDS Information sheet

____RCRA TCLP Analysis

____RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Printed Name GAry Cook Title Environatel Tech Date //-//~

Interior 1 (505) 555-5101 P.O. Box 1940 Hobbs, Nim 88241-1980 District II (505) 748-1283 81'1 S. First Artesia, NM 88210 District III (505) 334-6178 1000 Rio Brazos Road Aztee, NM 87410 District IV (505) 827-7131	New Mexico Energy linerals and Natural Resour Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	Department Seber 201 Seber
	REQUEST FOR APPROVAL TO ACCEPT S	OLID WASTE
1. RCRA Exempt:	Non-Exempt: X DATE: 11-03-56	4. Generator
Verbal Approval Rec	ceived: Yes No By:	Burlinton Resources
2. Management Faci	lity Destination	5. Originating Site
3. Address of Facility	•	Quina Compressor station 6. Transporter
	al (Street Address or ULSTR)	(hilip Environmental
T. Location of mator		8. State
5-16, T=31N, R	BN SAN JUAN County	NM
9. Check One		
A. All requests certificate p	for approval to accept diffield exempt wastes will be accompanied by arrob.	a certificate of waste from the Generator, one
the material will be appro	i for approval to accept non-exempt wastes must be accomanied by ne is non-hazardous and the Generator's certification of origin. No waste oved. St certify that the wastes delivered are only t	classified as hazardous by listing or testing
BRIEF DESCRIPTION O	FTHE MATERIAL: Lube oil und Triet	hylene Glycol
Contuminated Se	oils, No Free Lios: J.	
en e	DECENVED DEC Nov 2 0 1935	3 E # V E D
Estimated Volume D	Old Old Old Old DBT 3 D yd ³ Known Volume (to be entered by the open sector)	DRL DIV DR 3 stator at end of baul):y
	10-11-	
SIGNATURE	V. N. TITLE Enviconmental	Specialist-DATE 11-08-86
TYPE OR PRINT NAME	Toold O Nob 5 TELER	PHONE NO. (505) 334-8894
(This space for State Use) APPROVED BY	1 9. Jan TITLE Geologist Aluda TITLE Bure Ching	DATE <u>11/13/96</u> DATE <u>11/17/96</u> DATE <u>11/17/96</u>
		, , , , , , , , , , , , , , , , , , ,

District I(505) 353-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283Still S. FirstOil Conservation Division	Department
811 S. FirstOff Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131District IV (505) 827-7131(505) 827-7131	Submit Origin Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 96557
1. RCRA Exempt: Non-Exempt: X DATE: 11-08-96	4. Generator
Verbal Approval Received: Yes No By:	Burlinton Resources
2. Management Facility Destination	5. Originating Site
Tierra Environmental (D. INC LANDFARM	Quinn Compressor station
3. Address of Facility Operator	6. Transporter
# 420CR 3100AztecMB74107. Location of Material (Street Address or ULSTR)	8. State
S-16, T-3#N, R-8W SAN JUAN COUNTY	NM
9. <u>Check One</u>	·
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.	certificate of waste from the Generator; one
(B) All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste of will be approved.	essary chemical analyses to prove lassified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only the	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL: Lube oil and Trieth	ylene Glycol
Contaminated Soil 5, No Free Lips: J.	DECENVED Nov 1 3 1996
\mathbb{CO}	PY OIL CON. DIV. DIST. 3
Estimated Volume yd ³ Known Volume (to be entered by the opera	tor at end of haul):yd ³
SIGNATURE TITLE TITLE TITLE	5pecialist DATE 11.08-96
	IONE NO (505) 334-8894
(This space for State Use)	
APPROVED BY Werny De Faut TITLE GeologisT	DATE <u>///3/96</u>
APPROVED BYTITLE	DATE

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>11.</u> T-<u>3/N</u> R-<u>81.</u> 1/4_ 1/4_ County <u>State</u> State <u>M</u> Physical Address if appropriate: <u>Outune</u> Compression <u>Station</u>

Source and description of waste:

Triellylene Clycol containingted soil Lube oil and No Fire Liquide

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

Burlington lesources for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is _____ Exempt

X Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

__MSDS Information sheet

 χ RCRA TCLP Analysis

<u>____</u>RCRA Metals Analysis

 $\underline{\gamma}$ Corrosivity, Ignitability, Reactivity

 χ I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since $\frac{10}{18}$

Signature	(Date of Sample)
Printed Name CRATE A. Bock	
Title Environmental Representative	
Date 11/8/96	May 1999 1999 1997 1997 1997 1997 1997 199

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PHILIP ENVIRON.

ENVIROTECH LABS

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

		-		
Client:	Philip Environmental	Project #:	96036	
Sample ID:	01	Date Reported:	10-21-96	
Lab ID#:	A689	Date Sampled:	10-18-96	
Sample Matrix:	Soil	Date Received:	10-18-96	
Preservative:	Cool	Date Analyzed:	10-21-96	
Condition:	Cool & Intact	Chain of Custody:	4963	
			•	
Parameter			•	
Falailleler	Result			
IGNITABILITY:	Did not ignite upon d	irest contact with flows		
IGN/TABILITT.	Dia not ignite upon a	irect contact with flame.		
CORROSIVITY:	7.34			
REACTIVITY:	Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).			
RCRA Hazardous Waste Crite	eria			
Parameter	Hazardous Waste Criterion			
IGNITABILITY:	Sample Ignition upon direct hazardous waste status.	contact with flame indicates		
	Hazardous wasie status.			
CORROSIVITY:	pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.			
REACTIVITY:	Violent reaction with water,	strong base (10N Sodium		
	Hydroxide), or strong acid (6	6N Hydrocholoric Acid)		
	indicates hazardous waste	status.		
Reference:	40 CFR part 261 Subpart C	sections 261.21 - 261.23, July 1, 1992.		
		· · ·		
Comments:	Quinn Compressor.			

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tacy W Sendler Review

5796 U.S. Highway 64-3014 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

PHILIP ENVIRON.

ENVIROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Philip Environmental	Project #:	960 36
Sample ID:	01	Date Reported:	10-29-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition	Cool & Intact	Analysis Requested:	TCLP

	· · · · · · · · · · · · · · · · · · ·	Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	0.0115	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	0.0060	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery		
		Trifluorotoluene	102%		
		Bromofluorobenzene	96 %		
References:	Method 1311, Toxicity C	Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.			
	Method 5030, Purge-an	nd-Trap, SW-846, USEPA, July 1992	2.		
	Method 8010, Halogena	Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.			
	Method 8020, Aromatic	Volatile Organics, SW-846, USEPA	s, Sept. 1994.		
Note:	Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.				
Comments:	Quinn Compresso	r.			

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ENVIROTECH

PHILIP ENVIRON.

EPA METHOD 8040 PHENOLS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-29-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Cool	Date Analyzed:	1 0-28 -96
Condition:	Cool & Intact	Analysis Requested:	TCLP

ABS

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Re	coveries:	Parameter	Percent Recovery
		2-Fluorophenol 2,4,6-Tribromophenol	95% 101%
References:		, Toxicity Characteristic Leaching Proc 346, USEPA, July 1992.	edure Test Methods for Evaluating Solid
), Separatory Funnel Liquid-Liquid Extra 346, USEPA, July 1992.	action, Test Methods for Evaluating Solid
	Method 8040), Phenols, Test Methods for Evaluating	g Solid Waste, SW-846, USEPA, Sept. 198
Note:	Regulatory L	imits based on 40 CFR part 261 subpa	rt C section 261.24, July 1, 1992.
Comments:	Quinn Co	mpressor.	
Anaiyst	L. Cy'e	Revie	Stacy W Sendler

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2388

ENVIROTECH LABS

EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-28-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	ND	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	ND	0.020	0.13
HexachloroBenzene	ND	0.020	0.13

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		2-fluorobiphenyl	97%
References:	Method 3510, Separate	Characteristic Leaching Procedur bry Funnel Liquid-Liquid Extraction matics and Cyclic Ketones, SW-8	n, SW-846, USEPA, July 1992.
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C	section 261.24, July 1, 1992.
Comments:	Quinn Compresso	r.	

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Itacy W Sendler Review

TERTOMORRO

EPA METHOD 1311 **TOXICITY CHARACTERISTIC** LEACHING PROCEDURE **TRACE METAL ANALYSIS**

Client	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-22-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Analyzed:	10-22-96
Preservative:	Cool	Date Extracted:	10-21-96
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

	· · ·	Det.	Regulatory
	Concentration	Limit	Level
Parameter	(mg/L)	(mg/L)	(mg/L)

Arsenic	ND	0.001	5.00
Barium	1.53	0.01	100
Cadmium	0.006	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.007	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

> Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

> Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7761 Analysis of Metals by GFAA and Cold Vapor Techniques, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments:

Quinn Compressor.

I. Cience Analyst

Itacy W Sendler

Review

11/01/96

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PHILIP ENVIRON.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 **AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	1 0-29 -96
Laboratory Number:	10-28-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-28-96
Condition:	N/A	Analysis Requested:	TCLP .
	<u>,</u>	Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		Trifluorotoluene	96%
		Bromofluorobenzene	96%
References:	s: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 199		
Method 5030, Purge-and-		nd-Trap, SW-846, USEPA, July 1992	2
	Method 8010, Halogen	ated Volatile Organic, SW-846. USE	PA, Sept. 1994.
	Method 8020, Aromatic	: Volatile Organics, SW-846, USEPA	, Sept. 1994.
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sec	tion 261.24, July 1, 1992.

Comments:

QA/QC for samples A689, A706 and A713.

Gener Analyst

tacy W Sendler Review

PHILIP ENVIRON.

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ENVIROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

Client:	QA/QC	Project #:	N/A	
Sample ID:	Method Blank	Date Reported:	10-29-96	
Laboratory Number:	10-22-TCV.MB	Date Sampled:	N/A	
Sample Matrix:	TCLP Extract	Date Received:	N/A	
Preservative	N/A	Date Analyzed:	10-28-96	
Condition:	N/A	Date Extracted:	10-22-96	
		Analysis Requested:	TCLP	

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		Trifluorotoluene	100%
		Bromofluorobenzene	101%
-		Characteristic Leaching Procedure, S	SW-846, USEPA, July 1992.
		nd-Trap, SW-846, USEPA, July 1992	2.
	Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.		
	Method 8020, Aromatic	Volatile Organics, SW-846, USEPA	, Sept. 1994.
Note:	Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.		
Comments:	QA/QC for sample	s A689, A706 and A713.	

L. ajenen Analyst

tacy W Sendler Review

ArteriaNew MexicoPTOT Box 1940EnerNew MexicoHobbs, NM \$8241-1980EnerMinerals and Natural ResoesDistrict II(505) 742-1283Oil Conservation DivisionArteria, NM \$82102040 South Pacheco StreetDistrict III(505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131Arteria, IV(505) 827-7131	Department Sabri 52Pha i to app Distri
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 96042 9
1. RCRA Exempt: Non-Exempt: X DATE: 11-03-96	4. Generator
Verbal Approval Received: Yes No By:	Burlinton Resource.
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. Inc LANDFARM	Quina Compressor stution
3. Address of Facility Operator	6. Transporter
# 420 CR 3100 Aztec Nm B7410	Philip Environmental
7. Location of Material (Street Address or ULSTR)	8. State
S-16, T=31N, ROBN SAN JUAN COUNTY	NM
9. Check One	
Our our title state per job. (B) All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste or will be approved. All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: LuBe o.1 and Trieth Contaminated So.15, No Free Lips: J. DEGEL/16 DEGEL/17 Nov 1	institled as hazardous by listing or testing ose consigned for transport. ylene Glycol 3 1896
Estimated Volume 10 yd ³ Known Volume (to be entered by the opera	lor at end of haul):
Estimated Volume 10 yd ³ Known Volume (to be entered by the opera SIGNATURE	

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>H.</u> T-<u>.3W</u>R-<u>BL</u> 1/4 County <u>State</u> State <u>M</u> Physical Address if appropriate: <u>Ouring Composition</u> <u>Station</u>

Source and description of waste:

- Lube oil and Tricklylene Chycal containinated soil

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

Buylivylon losources for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is _____ Exempt

 \underline{X} Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

 χ RCRA TCLP Analysis

 $\underline{\vee}$ RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

 χ I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since <u>10</u>/18/16

(Date of surgle) Signature Printed Name CRATE A Back Title Surivournenter Representative Date 11/4/91

PHILIP ENVIRON.

Ø002

ENVIROTECH LABS

SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-21-96
Lab ID#:	A689	Date Sampled:	10-18-96
Sample Matrix:	Soil	Date Received:	10-18-96
Preservative:	Cool	Date Analyzed:	10-21-96
Condition:	Cool & Intact	Chain of Custody:	4963
			•
Parameter	Result	······································	··
IGNITABILITY:	Did not ignite upon d	lirect contact with flame.	
CORROSIVITY:	7.34		
REACTIVITY:	Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).		
RCRA Hazardous Waste C	Criteria		
Parameter	Hazardous Waste Criterior	I .	
IGNITABILITY:	Sample Ignition upon direc hazardous waste status.	t contact with flame indicates	
CORROSIVITY:	pH less than or equal to 2.4 indicates hazardous waste	0 or pH greater than or equal to 12.5 status.	
REACTIVITY:	Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrocholoric Acid) indicates hazardous waste status.		
Reference:	40 CFR part 261 Subpart C	C sections 261.21 - 261.23, July 1, 1992	2.
Comments:	Quinn Compressor.		
^			

Decend aferren Analyst

tacy W Sendler Review

PHILIP ENVIRON.

Ø003

ENVIROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Philip Environmental	Project #:	960 36
Sample ID:	01	Date Reported:	10-29-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Coo!	Date Analyzed:	10-28-96
Condition	Cool & Intact	Analysis Requested:	TCLP .

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	0.0115	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	0.0060	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		Trifluorotoluene Bromofluorobenzene	102% 96%
References:	Method 1311; Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. Method 5030; Purge-and-Trap, SW-846, USEPA, July 1992. Method 8010; Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994. Method 8020; Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.		2. PA, Sept. 1994.
Note:	Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.		ction 261.24, July 1, 1992.
Comments:	Quinn Compressor.		

· L. ajenan Analyst

tacy W Sendler Review

CTICAL SOLUTIONS FOR A BETTER TOMO

EPA METHOD 8040 PHENOLS

Client:	Philip Environmental	Project #:	96 036
Sample ID:	01	Date Reported:	10-29-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:		Parameter	Percent Recovery
		2-Fluorophenol 2,4,6-Tribromophenol	95% 101%
References:	Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.		
), Separatory Funnel Liquid-Liquid Extractic 346, USEPA, July 1992.	n, Test Methods for Evaluating Solid
	Method 8040), Phenols, Test Methods for Evaluating Sol	lid Waste, SW-846, USEPA, Sept. 19
Note:	Regulatory L	imits based on 40 CFR part 261 subpart C	section 261.24, July 1, 1992.
Comments:	Quinn Co	mpressor.	

- L. apercon

tacy W dendler Review

EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-28-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Extracted:	10-23-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)	
Pyridine	ND	0.020	5.0	
Hexachloroethane	ND	0.020	3.0	
Nitrobenzene	ND	0.020	2.0	
Hexachlorobutadiene	ND	0.020	0.5	
2,4-Dinitrotoluene	ND	0.020	0.13	
HexachloroBenzene	ND	0.020	0.13	

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery	
		2-fluorobiphenyl	97%	
References:	Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.			
	Method 3510, Separat	ory Funnel Liquid-Liquid Extractior	n, SW-846, USEPA, July 1992.	
	Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.			
Note	Regulatory Limits base	ed on 40 CFR part 261 Subpart C	section 261.24, July 1, 1992.	

Comments:

Quinn Compressor.

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tacy W Sendler Review

PHILIP ENVIRON.

ENVIROTECH LABS

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-22-96
Laboratory Number:	A689	Date Sampled:	10-18-96
Chain of Custody:	4963	Date Received:	10-18-96
Sample Matrix:	Soil	Date Analyzed:	10-22-96
Preservative:	Cool	Date Extracted:	10-21-96
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	ND	0.001	E 00
Barium	1.53	0.01	5.00 100
Cadmium	0.006	0.001	1.00
Chromium	ND	0.001	5.00
Lead	0.007	0.001	5.00
Mercury	ND	0.001	0.200
Selenium	ND	0.001	1.00
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

Methods 7060, 7080, 7131, 7191, 7470, 7421, 7740, 7761 Analysis of Metals by GFAA and Cold Vapor Techniques, SW-846, USEPA.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.

Comments:

Quinn Compressor.

L. Chiencer

Stacy W Sendler Review

PHILIP ENVIRON.

Ø007

ENVIROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	1 0-29 -96
Laboratory Number:	10-28-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-28-96
Condition:	N/A	Analysis Requested:	TCLP
		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachioroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	otance Criteria	Parameter	Percent Recovery
		Trifluorotoluene	96%
		Bromofluorobenzene	96%
References:	Method 1311, Toxicity C	Characteristic Leaching Procedure, S	SW-846, USEPA, July 1992
	Method 5030, Purge-ar	nd-Trap, SW-846, USEPA, July 1992	2.
	Method 8010, Halogena	ated Volatile Organic, SW-846. USE	PA, Sept. 1994.
	Method 8020, Aromatic	Volatile Organics, SW-846, USEPA	, Sept. 1994.
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sec	tion 261.24, July 1, 1992.
Comments:	QA/QC for sample	s A689, A706 and A713.	

L. ajenen Analyst

tacy W Sendler Review

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FHILIP ENVIRON.

ENVIROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-29-96
Laboratory Number:	10-22-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-28-96
Condition:	N/A	Date Extracted:	10-22-96
		Analysis Requested:	TCLP

		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0004	0.2
1,1-Dichloroethene	ND	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0002	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	ptance Criteria	Parameter	Percent Recovery
		Trifluorotoluene	100%
		Bromofluorobenzene	101%
References:	Method 1311, Toxicity C	Characteristic Leaching Procedure, S	W-846, USEPA, July 1992.
	Method 5030, Purge-ar	id-Trap, SW-846, USEPA, July 1992	•
	Method 8010, Halogena	ated Volatile Organic, SW-846, USE	PA, Sept. 1994.
	Method 8020 Aromatic	Volatile Organics, SW-846, USEPA	, Sept. 1994.
Note:	Regulatory Limits based	d on 40 CFR part 261 Subpart C sec	tion 261.24, July 1, 1992.
Comments:	OA/OC for sample	s A689, A706 and A713.	

Analyst

Review

District II(505) 748-1283New MexicoDistrict II(505) 748-1283Energy Minerals and Natural Resources0il Conservation Division	FUTIL C-130 Originated 4/18/95
Artesia, NM 88210 2040 South Pacheco Street District III (505) 334-6178 Santa Fe, New Mexico 87505 1000 Rio Brazos Road (505) 827-7131 District IV (505) 827-7131 (505) 827-7131	Submit Origina: Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	LID WASTE 96044
1. RCRA Exempt: X Non-Exempt: DATE: 11-11-96 Verbal Approval Received: Yes No By: F. Chase 2	4. Generator
2. Management Facility Destination <u>Ticted Environmental co. Fuc LawofArm</u> 3. Address of Facility Operator	5. Originating Site
# 420 $CR3100$ $A24ec$ Mm 82410 7. Location of Material (Street Address or ULSTR)	6. Transporter Damend D 8. State
9. Check One	NM
 All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved. All transporters must certify that the wastes delivered are only the material is non-based on the material is non-based on the material is non-hazardous. 	essary chemical analyses to prove lassified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: conterminented 50:15 Fr	om Derdration pit
RECEI Minov 1 3	
اللہ فری کے برائی Estimated Volume <u>کو کی v</u> d ³ Known Volume (to be entered by the opera	
SIGNATURE	10NE NO (505) 334-8894
(This space for State Use) APPROVED BY Demy g. Town TITLE Geologist APPROVED BY This Regulation	DATE

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX. (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: $S - \frac{2}{2} \frac{3}{7} - \frac{2}{7} \frac{N}{R} - \frac{1}{4} \frac{1}{4} \frac{1}{4} County \frac{5}{4} \frac{N}{4} \frac{N}{4}$ Physical Address if appropriate: $\frac{1}{4} \frac{1}{4} \frac{1}{4}$

Source and description of waste:

MANGum # 4 - Contaminated Soils From DeHydration p.f.

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

GARY COOK representative I for P.N.M CAS Services

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \checkmark Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

____MSDS Information sheet

____RCRA TCLP Analysis

____RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature ar Printed Name Loo N Title Environmental Date //~/

Insurice (1000), 170-0101New MexicoP.O. Box 1940New MexicoHoldss, NM-88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131Aztec, NM 87410(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	PLID WASTE 96007
1. RCRA Exempt: Non-Exempt: DATE: 16-11-96	4. Generator
Verbal Approval Received: Yes No By: Senny Fousr	BASIN DISPOSAL
2. Management Facility Destination	5. Originating Site
TIERRA Envirence tal LANDESPEN FACILITY - CROwd Most	#6 CE 5046 RIMFIS NIM
3. Address of Facility Operator	6. Transporter
420 CR 3100 Aztec NM 87410	Harvey Johnson Enterprises
7. Location of Material (Street Address or ULSTR)	8. State
5-3, T-29N R-11W SAN JUAN County	Nm
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cwill be approved. All transporters must certify that the wastes delivered are only the material is non-based on the material is non-based on the material is non-hazardous and the generator's certification of origin. No waste cwill be approved. 	essary chemical analyses to prove lassified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: WAL fines from produc	ed notes nevertions
token from soffing hanks	ECEIVED OCT 2 1 1996
0[IL CON. DIV. DIST. 3
Estimated Volume $2cd$ yd ³ Known Volume (to be entered by the opera	tor at end of haul):yd ³
SIGNATURE <u>Blance</u> TITLE <u>Environmental</u> Sp TYPE OR PRINT NAME <u>BLANNE</u> TELEPH	DATE <u>10-11-96</u> NONE NO. <u>(505) 334-8894</u>
(This space for State Use) APPROVED BY Jamy Bi Dom TITLE G-20 (09 15/ APPROVED BY Auce Buch TITLE Geologian	DATE <u>10/28/96</u> DATE <u>10/28/96</u>

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

′ · : • •

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>3</u> T-29N R-11W 1/4 1/4 County 55 State WWA Physical Address if appropriate:

Source and description of waste:

MARE Solids

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

Con fine from setting tranks mixto with sail

I . Hommonds TEN representative for BASIN DISDOSAL

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is $_$ \checkmark Exempt

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

___MSDS Information sheet

___RCRA TCLP Analysis

____RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____

Signature Printed Name Tea S H MM IN ON Title ASST. TMP.C Date 10 -

OCT 2 1 1996

OIL CON. DIV. DIT. 3

Insurter 1 (303) 333-0103P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	FUITH C-130 Originated 4/18/95 Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96087
1. RCRA Exempt: × Non-Exempt: DATE: ০우-ఎ6-۶6	4. Generator
Verbal Approval Received: Yes No By: F. Chase 2	BASin DispoSAL.
2. Management Facility Destination	5. Originating Site
Tierra Environmental Company Inc.	5.3, T.29N, R.11W - mit E9F
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Aztec NM 87410	Harvey Johnson Enterprises
7. Location of Material (Street Address or ULSTR)	8. State
S.3, T-24N, R.11W - unit E9F, #6 CR 5046 SAN JUAN County	Nm
9. <u>Check One</u>	
$\hat{\mathcal{Q}}$. All requests for approval to accept oilfield exempt wastes will be accompanied by a	certificate of waste from the Generator; one
 certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved. 	
All transporters must certify that the wastes delivered are only th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL: Solid 5 From WAStern Process, pre-mixed w/clean soil. CNO Recoverable	Ater Enjection Hudro carbon 5)
DECEIV Noci - 9 1996	ED
OIL CON. I	กากร
Estimated Volume 200 yd ³ Known Volume (to be entered by the operation of the set of the operation of the set of the	tor at end of haul):yd ³
SIGNATURE TITLE Environmentel spec	
TYPE OR PRINT NAME Told D. Nob: 5 TELEPH	IONE NO. (505) 334-8894
(This space for State Use) APPROVED BY New 2. Tent TITLE Geolog (ST APPROVED BY June Burch TITLE Geologics	DATE 10/10/96 DATE 10/16/96

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>3</u> T-29N R-11W 1/4 1/4 County <u>Sin Juan</u> State <u>A. M.</u> Physical Address if appropriate: UNITE9E, #6 CR So46, Bloom Field, N.M.

Source and description of waste:

Solids Generated From Saltwater Disposal Operations

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

_representative

for BASIN DISPOSAL

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since______

alon del Signature Printed Name Don Lee Title Monat 912619 Date

NormalizationNew MexicoP.O. Box 1940New MexicoHoobs, NM.38241-1980Energy Minerals and Natural ResourcesDistrict II (505) 748-1283Oil Conservation Division811 S. First2040 South Pacheco StreetArtesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Coriginated 4/18/95 Originated 4/18/95 Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: X Non-Exempt: DATE: 10 - 08 - 96	4. Generator
Verbal Approval Received: (es) No By: Finie Busch 2. Management Facility Destination There Facility Destination There Facility Operator Haddress of Material (Street Address or ULSTR) 7. Location of Material (Street Address or ULSTR) S-3 Tayr, R-3w Rio And Rice And Rice Address or ULSTR) S-3 Tayr, R-3w All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cwill be approved. All transporters must certify that the wastes delivered are only the set of the approved.	sary chemical analyses to prove ssified as hazardous by listing or testing
	From SWD Facility DECENVE OCT - 9 DOL DUL CONIO DOVO DUSTO 3
Estimated Volume 100 yd ³ Known Volume (to be entered by the operation	or at end of haul):yd ³
	$\frac{\sqrt[3]{6} \cdot s}{DATE 10^{-} 08^{-}96}$ DNE NO. (505) 334-8894 DATE 10/10/96 DATE 10/10/96

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>B</u>T-<u>au_AR-30</u>1/4_1/4_County <u>Rio Fraba</u> State <u>NM</u> Physical Address if appropriate:

Source and description of waste: ______Studge___oud____Sediment_from the Jillson Swp #1_____

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

Burlington Resources

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is _____ Exempt

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

____RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature <u>A. Brk</u> Printed Name <u>CATE A. Brk</u> Title <u>Suppresentation</u> Date in 18196

MERIDIAN-FARMINGTON

Image: P.O. Box 1940New MexicoP.O. Box 1940Energy Minerals and Natural ResourcesBistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	-
District III (505) 334-6178 Santa Fe, New Mexico 87505 1000 Rio Brazos Road (505) 827-7131 (505) 827-7131	Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 96007
 RCRA Exempt: X Non-Exempt: DATE: 10-03-90 Verbal Approval Received: Yes No By: E. Busch Management Facility Destination Terra Environmental Co. Enc. LondFasm Address of Facility Operator 4430 CR 3100 Aztec Nn 87410 Location of Material (Street Address or ULSTR) S-8, T-34N, R-3W Rio Attista County Check One All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. All requests for approval to accept non-exempt wastes must be accompanied by neo the material is non-hazardous and the Generator's certification of origin. No waste or will be approved. All transporters must certify that the wastes delivered are only the material is non-hazardous and the generator's certification of origin. 	essary chemical analyses to prove classified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Studge & Sediment	
	DECEIVED OCT - 8 1996
Different from 9/24/96	OIL CON. DIV. DIST. 3
Estimated Volume <u>110</u> yd ³ Known Volume (to be entered by the operation	itor at end of haul):yd ³
	HONE NO. (505) 334-8894
(This space for State Use) APPROVED BY Deny D. Journ TITLE GeologIST APPROVED BY June Bruch TITLE Carolegist	date <u>10/8/96</u> date <u>10/ 8/<i>96</i></u>

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-B T-24NR-3W1/4 1/4 County Rt. Amba State N/M Physical Address if appropriate:

Source and description of waste: Sludge and Sedimont from the Jillson Swipt

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

PATC representative Resaurnes for Buclingdon

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \underline{X} Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since _____.

Signature Printed Name min Title Environmental Representative Date 10/ 2/96

District II(505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT S	OLID WASTE 96007
1. RCRA Exempt: V Non-Exempt: DATE: 9-24-96	4. Generator
Verbal Approval Received: Yes V No By: Denny Feust	Buelington Resources
2. Management Facility Destination	5. Originating Site
TIERER Environmental CAMPFAREM	JULSON SIND # 1 (CIASS IT)
3. Address of Facility Operator	6. Transporter
320 CR 3100 Aztec NM 87410	
7. Location of Material (Street Address or ULSTR)	8. State
5-8, T=24 N R-34	Nm
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by net the material is non-hazardous and the Generator's certification of origin. No waste will be approved. All transporters must certify that the wastes delivered are only to accept the material is non-hazardous and the wastes delivered are only to accept the material is non-hazardous. 	cessary chemical analyses to prove classified as hazardous by listing or testing
Injection well	om gravity separator at
DECEIVED N SEP 2 6 1996	· · ·
ON CON DIV Estimated Volume <u>80 EBLs</u> Known Volume (to be entered by the open	ator at end of haul):yd ³
SIGNATURE Remine Williams TELEP	<u>ресінцізт</u> DATE <u>9-24-96</u> HONE NO. <u>(505) 334-8894</u>
(This space for State Use) APPROVED BY Demy B Jent TITLE Geologist APPROVED BY Engine Barch TITLE Geologist	DATE 9/26/96 DATE 2/26/96

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420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-& T-24NR-3W 1/4 1/4 County Rio Amba State NM Physical Address if appropriate: . ce and description of waste: 112 Sludge & Sedward Giom Stillson SWD # (Class II) Separation Systems Source and description of waste: Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M. CRATE A. Bock. representative Burlington Resources for do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is χ Exempt Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required. The required documentation is hereto attached: Check appropriate line(s): MSDS Information sheet ON CON. DIV.

RCRA TCLP Analysis

__RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Aniu A Printed Name Center 1. Back Title <u>Suppresentative</u> Representative Date 9 / 24/96

DIST. R

Insurict 1 P.O. Box 1940New Mexico New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505District IV 1000 Rio Brazos Road Aztec, NM 87410South Pacheco Street (505) 827-7131	FUTHIN C-130 Originated 4/18/95 Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 96007
1. RCRA Exempt: X Non-Exempt: DATE: $09.33-90$	4. Generator
Verbal Approval Received: Tes No By: E. Bush	Burlinton Resources
2. Management Facility Destination	5. Originating Site
Tierry Environmental CO. INC LANDFARM	M'Grath SWD
3. Address of Facility Operator	6. Transporter
F4 20CR 3100A24ecNm874107. Location of Material (Street Address or ULSTR)	CF i M
7. Elecation of Material (Street Address of UESTR)	8. State
M'Grath SWD #4 5-34 T. JON RAIDW SAN SUAN County	NM
9 <u>Check One</u>	
 All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nec the material is non-hazardous and the Generator's certification of origin. No waste owill be approved. All transporters must certify that the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the material is non-hazardous and the wastes delivered are only the material is non-hazardous are only the mate	essary chemical analyses to prove classified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Filtration media wind 14rdro carbons (salt water disposal Facility) and sol with same 100 yd Estimated Volume <u>800 BBL 50</u> Known Volume (to be enterted by the operation	
	HONE NO (505) 334-8894
(This space for State Use) APPROVED BY Deny D. Hout TITLE Geolog 1ST APPROVED BY Fries Burge TITLE Geolog ist	DATE <u>9/2-6/96</u> DATE <u>7/26/96</u>



CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924

EP 2 6 1996

OIL CON. DIV.

DIST. 3

ENVIRONMENTAL CORPORATION

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.) <u>McGrath SWD #4, Section 34</u>, Town. 30N, Range 12W

This material originated:

Tierra

x____ In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

CERTIFICATE OF WASTE STATUS

EXEMPT OILFIELD WASTE

Source: Filtration of incoming fluids to the McGrath SWD #4

injection well. Confirmin ted sail Gravel unit

Destination: Tierra Environmental Corporation

Crouch Mesa Landfarm Facility

SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

I Craig A. Bock

representative for Meridian Oil Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance.

Signature

Title Environmental Representative

Addres P.O. Box 4289, Farmington NM 87499-4289

Date

Exempt Waste Manifest Meridian Oil Inc. PO, Box 4289, Farmington, NM 87499

Osfaturand	4	Marte Leasting to Marth SUD 44
Safety and Environmental	1.	Waste Location: Lease/Well No. McGrath SWD #4
		Sec. 34, Town. 30N, Range 12W
	2.	Volume:Cubic Yards & CO BarrelsGallons
	3.	
	J.	Description of Waste: <u>Filtered solids and oil mixed with soil</u>
		Contaminated Soil & Gradel Mixture
		· · · · · · · · · · · · · · · · · · ·
	A .	Method of Mosto Concretion: Filtration on incoming fluids to
	4.	Method of Waste Generation: Filtration on incoming fluids to
		the McGrath SWD #4 well.
	5.	Disposal Facility:
•	e	Disposal Facility: <u>Tierra</u> 3 14 A.M Disposal Cost: <u>Holyd</u>
· · · · · · · · · · · · · · · · · · ·	6.	Disposal Cost:
	7.	
		40 CFR 261.4.
		Approval for Disposal Date Date Date
		(signature)
MOI		Transportation Company:
Representative		
		Date(s) Transported:
		MOI Representative on SiteDate
Disposal Facility		Date(s) Received:
Complete and return to		Total Volume Received:
Meridian		
Safety and Environmental		Waste Location : Cell/Grid No
with Invoice.		Received By : DECENTER (signature)
		SEP 2 6 1996
Revised January 16, 1994		OHL CON. DIV.
		DIST. 3

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/	
District II(505) 332-0101New MexicoP.O. Box 1940MexicoNew MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131District IV(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	OLID WASTE 96007
1. RCRA Exempt: Non-Exempt: DATE: 09.05-96 Verbal Approval Received: Image: No By: 0. Image: Destination 2. Management Facility Destination Image: Destination Terre Environmenter Co. Image: Co. Image: Destination 3. Address of Facility Operator # 4do CR 3100 Address of Facility Operator # 4do CR 3100 Aztec Material (Street Address or ULSTR) S-3, T-39N, R-11W, SM 3mm compty 9. Check One Image: Operator Image: Operator Image: Operator Image: Operator # 4do CR 3100 Aztec Image: Operator Image: Operator <td>essary chemical analyses to prove</td>	essary chemical analyses to prove
All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: Solid 5 From wastewates Insection process frem: xed w/ clean Soils. No Recoverable Hydro	CARBONS DECENVED SEP 1 0 1996 ODL CON. DUV. DUST. 3
TIPALE	
	Рес. 2. (15) DATE <u>09-05-56</u> HONE NO. (505) 334-8894
(This space for State Use) APPROVED BY Demy D' temy TITLE Geologist APPROVED BY Successful Contract TITLE Geologist	DATE <u>9////96</u> DATE <u>9//2/96</u>

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 3	334-8894	FAX.	(505)33	4-9024	
	· · ·				

"CERTIFICATE OF WASTE STATUS" 2 ダルノ リルノ

Originating Site: S-<u>3</u>T-<u>277</u>R-<u>277</u>1/4 1/4 County <u>SAN JUAN</u> State <u>NM</u> Physical Address if appropriate: <u>RJ 5046</u>

Source and description of waste:

Solids	From	waste water	Intection	Proce 55	pre.	msxed	1
		No Recove					·· .
· · · · · · · · · · · · · · · · · · ·				and the second second			

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

representative Ι HAmmond for BAS: D'SDOSAL

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is <u>X</u> Exempt Non-Exempt and that it has been identified as

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

_MSDS Information sheet

____RCRA TCLP Analysis

____RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature fim mondo Printed Name -·d Title 1.159 Date

P.O. Boil 1940 Hobbs, NM 88241-199 Elstrict II (505) 748-1 811 S. First Artesia, NM 88210 District III (505) 334- 1000 Rio Brazos Road Aztec, NM 87410 District IV (505) 827-1	80 Energy 14	New Mexi Ainerals and Natural Oil Conservation 2040 South Pache Santa Fe, New Mex (505) 827-71	Resources Division co Street ico 87505	Bepartment	Crigmated 4/18/95 Submit Origir. Plus 1 Copy to appropriate District Office
· · · · · · · · · · · · · · · · · · ·	REQUES	T FOR APPROVAL TO	ACCEPT SO	LID WASTE	960036 9 6007
1. RCRA Exe	empt: Non-E:	xempt: DATE: 8/	27/96	4. Generator	
Verbal Appr	oval Received: Ye	s V No By: D. /	Foust	Bredinton A	esources
2. Managem	ent Facility Destinat			5. Originating S	ite
Tierry E	Environmental C	O. TAL LAND FAR	n	Turner B CO	m A & dow
3. Address o	f Facility Operator	•		6. Transporter	
		tec Nm 87410		Sunco	
7. Location of	of Material (Street A	Address or ULSTR)	SAN	8. State	
Turner B	com A # 200	5-2 T. 30- R-9	JUAN.	NM	
9. <u>Check On</u>	e				
		ccept oilfield exempt wastes will be a	ccompanied by a c	ertificate of waste from the	Generator; one
	certificate per job.				
	the material is non-hazardous will be approved.	ccept non-exempt wastes must be a and the Generator's certification of	origin. No waste cl	assified as hazardous by li	sting or testing
All transport	ers must certify the	at the wastes delivered	I are only the	ose consigned for	or transport.
BRIEF DESCRI	PTION OF THE MATE	RIAL: UNUSED CON	NICCSSRR	oil (se	>
Attached	MSAS) This	WAS removed as	And Dane		-1
Due to	Sheet WASK	ACTOSS LOCATIO		CENED	
	I.	BCEIVED	M,		
		SEP - 9 1996	_		
	(0	ML CON. DIV.	O	CON. DIV.	
Estimated Volume	· · · · ·				vd ³
		DIST 3 Known Volume (to be ent	ered by the operation		ya -
	Zh DN	TITLE EQU'CON	mental	Specialist DATE	08-27-80
TYPE OR PRINT	NAME TOJU	0. Nobis		ONE NO(505)	
				ONE NO(303)	
(This space for S		~ /			
APPROVED BY	Venn D.	Contritle Geolo	c,157	DATE <u></u>	128/96
APPROVED BY	Kogal	In TITLE Paren	Chiel	DATE 9	13/96
l			·	· · · · · · · · · · · · · · · · · · ·	/
mailed TO	containmen	t due to floodr	J, sheet	wash and	muq
Notified)	Bill Olson 8,	128/96			

District I 505) 333-0101 P.O. Box 1940 Hobbs, NM 88241-1980 District II (505) 748-1283 811 S. First Artesia, NM 88210 District III (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV (505) 827-7131	New Mexico Energy Minerals and Natural Reso Oil Conservation Div 2040 South Pacheco St Santa Fe, New Mexico S (505) 827-7131	ision reet	rtment	Submit Original Plus 1 Copy to appropriate District Office
	REQUEST FOR APPROVAL TO ACC	EPT SOLID W	IASTE 96	0036 96007
1. RCRA Exempt:	Non-Exempt: V DATE: 8/29/9	6 4. G	Senerator	
Verbal Approval Rec		ST Bur	linton Reso	urees
2. Management Faci	lity Destination	5. O	originating Site	•
Terry Environ	mental CO. Inc. LAND FARM	Tur	ner B com	A # 200
3. Address of Facility	Operator	6. T	ransporter	
#420 CR 3100			Sun(0	
	al (Street Address or ULSTR)	8. S لہ	tate	
Turner B com A	# 200 5-2 T. 30. R.g Ju	AN. N	Im	
9. <u>Check One</u>		· · · ·	· · · · · · · · · · · ·	
A. All requests	for approval to accept oilfield exempt wastes will be accomp	anied by a certificate	of waste from the Genera	ator; one
B. All requests	r job. for approval to accept non-exempt wastes must be accomar is non-hazardous and the Generator's certification of origin.	ied by necessary che	emical analyses to prove	
	t certify that the wastes delivered are	only those co	onsigned for tra	nsport.
Attached MSD:	The MATERIAL: UNUSEd COMPRES) This was removed as An et which across Location.	sser o: emergenc	1 (see y situation	· · ·
		ECEIV AUG 2 8 1996		
Estimated Volume 3.5	yd ³ Known Volume (to be entered by	the Gerator at en	of haul):	yd ³
	DN TITLE Environ me	nter Spec	01:51 DATE 08.	27-86
TYPE OR PRINT NAME	Todo D. Nob. 5	TELEPHONE N	0. <u>(505) 334-</u>	8894
(This space for State Use)				
			Bar- 81701	196
APPROVED BY North	McZ. tem/TITLE Geologist		date <u>8/28/</u>	10
APPROVED BY			DATE	
Hauled To contain	ment due to flooding, sheetu	ysn und	mug	

Notified Bill Olson, 8/28/96

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-2 T- Tot R- 9 w1/4 500 1/4 55 County South State New Metice) Physical Address if appropriate:

Source and description of waste:

Soil Chulaminated by unused (News) motor oil Site: Turner Bern A 200 walk

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

CRAIG A. Bock representative for Burlington Recourses

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is _____ Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached: - MSDS was sent Prior. 8/27/96

Check appropriate line(s):

<u>x</u> MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

_____ I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Printed Name CRATG A. Bo Title Environmental Representative Date 8/20/96

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FINA OIL & CHEMICAL COMPANY MATERIAL SAFETY DATA SHEET 1 OF PRODUCT: FINA CATCO GAS ENGINE DILS DATE OF ISSUE: 05-04-94 SUPERCEDES: 03-11-93 PAGE 09 MSDS NUMBER: 011340 PRODUCT CODE: SECTION 1 - IDENTIFICATION EMERGENCY TELEPHONE NUMBER (409) 962-4421 CHEMTREC TELEPHONE NUMBER (800) 424-9300 CHEMICAL NAME MANUFACTURERS NAME FINA DIL AND CHEMICAL CO. ADDRESS P.O. BOX 2159. DALLAS, TX 75221 ADDRESS P.O. BOX 2159. DALLAS, TX 75221 TRADE NAME FINA CATCO GAS ENGINE DILS CAS REGISTRY NUMBER N.AV. CHEMICAL FAMILY CHEMICAL FAMILY CHEMICAL FAMILY CHEMICAL FAMILY MYDROCARBON MIXTURE OTHER THIS MSDS COVERS ALL FINA CATCO AND CATCO PLUS GAS ENGINE DILS. INCLUDING SAE 30, SAE 40, AND SAE 15W-40 SECTION 2 - HAZARDOUS INGREDIENTS TLV VOL X MATERIAL OR COMPONENT NONE SECTION 3 - PHYSICAL DATA SPECIFIC GRAVITY (WATER=1) 0.88 - 0.90 PERCENT VOLATILE (VOL%) N.AV EVAPORATION RATE N.AV. BOILING POINT (DEG F) VAPOR PRESSURE (MMHG) N.AV. VAPOR DENSITY (AIR=1) VAPOR DENSITY (ATRAT) N.AV. Solubility in Water Negligible Appearance and odor Light Brown Color, Lube Oil odor SECTION 4 - FIRE AND EXPLOSION HAZARD DATA FLASH POINT (METHOD USED) 435+ DEG F (COC) FLAMMABLE LIMITS - LOWER UPPER FDAM, CO2. DRY CHEMICAL, HALON, WATER (FOG PATTERN) N.AV. FIRE MEDIA SPECIAL FIRE FIGHTING AVOID INHALATION OF VAPORS. PROCEDURES COMBUSTIBLE LIQUID. DO NOT USE NEAR OPEN FLAME, ELECTRIC SPARKS OR ON HOT SURFACES. UNUSUAL FIRE/EXPLOSION HAZARDS N.E. PNOT ESTABLISHED, N.AP. MOT APPLICABLE, N.AV. WIT AVAILABLE T.C. - LISTED TOXIC CHEMICAL UNDER SEC. 313 OF TITLE III OF SARA 1986

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	FINA OIL & CHEMICAL COMPANY Material Safety data Sheet	
RODUCT: FINA CA	FCO GAS ENGINE DILS PAGE	2 OF 3
	SECTION 5 - HEALTH HAZARD DATA	******
HRESHOLD LIMIT N.E. OIL MI	ALUE ST = 5 MG/M3 (ACG1H)	
CUTE_EFFECTS_OP	OVEREXPOSURE	
INHALATION	PULMONARY IRRITATION POSSIBLE (NORMALLY MINIMAL).	
SKIN CONTACT	MINIMUM HAZARD; MAY GAUSE REDDENING OF THE SKIN.	
EYE CONTACT	VAPORS MAY CAUSE SLIGHT SMARTING OF THE EYES IF PRESENT IN LARGE CONCENTRATIONS.	
INGESTION	MINIMAL GASTROINTESTINAL IRRITATION; INCREASED FREQUENCY OF BOWEL PASSAGE MAY OCCUR.	
MERGENCY FIRST	AID PROCEDURES	
INHALATION	MOVE PERSON TO FRESH AIR. IF A LARGE AMOUNT HAS BEEN INHALED, KEEP VICTIM WARM AND GET MEDICAL ATTENTION. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION.	
SKIN CONTACT 6 ABSORPTION	REMOVE AFFECTED CLOTHING. WASH WITH SOAP AND WATER	
EYE CONTACT	WASH EYES WITH LARGE AMOUNTS OF WATER. IF REDNESS PERSISTS, GET MEDICAL ATTENTION.	
INGESTION	DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT Is necessary unless large quantities of roduct are ingested. However, get medical advice.	
HRONIC EFFECTS	OF OVEREXPOSURE	
SIGNS AND SYM EXPOSURE.	PTOMS OF CHRONIC EXPOSURE RESEMBLE THOSE OF ACUTE	•
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FINA OIL & CHEMICAL COMPANY MATERIAL SAFETY DATA SHEET PAGE 3 OF 3 PRODUCT: FINA CATCO GAS ENGINE OILS SECTION 6 - REACTIVITY DATA CONDITIONS TO AVOID HEAT AND OPEN FLAMES STABILITY STABLE INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZERS HAZARDOUS DECOMPOSITION PRODUCTS CARBON DIOXIDE, CARBON MONOXIDE HAZARDOUS POLYMERIZATION WILL NOT OCCUR CONDITIONS TO AVOID OXIDIZING MATERIALS SECTION 7 - SPILL OR LEAK PROCEDURES CONTAIN SPILL AND SAFELY STOP THE FLOW. EVACUATE ALL NON-ESSENTIAL PERSONNEL. ELIMINATE IGNITION SOURCES AND VENTILATE AREA. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED RECOVER FREE LIQUID. TRANSFER MATERIAL TO AN APPROVED DISPOSAL AREA IN ACCORDANCE WITH FEDERAL. STATE AND LOCAL REGULATIONS. WASTE DISPOSAL METHOD SECTION 8 - SPECIAL PROTECTION EQUIPMENT RESPIRATORY PROTECTION USE OF NIOSH-APPROVED RESPIRATORS RECOMMENDED FOR PROLONGED PROTECTIVE CLOTHING CHEMICAL RESISTANT GLOVES RECOMMENDED WHEN CONTACT IS LIKELY. EVE PROTECTION SPLASH-PROOF GOGGLES OR SAFETY GLASSES AVOID BREATHING MIST AND VAPORS. VENTILATE AS NEEDED. OTHER PROTECTIVE EQUIPMENT N.AP. SECTION 9 - HANDLING AND STORAGE PRECAUTIONS PRECAUTIONS TO BE Taken in Handling And Storing COMBUSTIBLE LIQUID. KEEP AWAY FROM FIRE, SPARKS, AND FLAME. OTHER PRECAUTIONS N.AP. LEGAL DISCLAIMER: WHILE THE INFORMATION HEREIN IS BELIEVED TO BE RELIABLE, NO GUARANTEE IS MADE AS TO ITS ACCURACY OR COMPLETENESS. THE CONDITIONS OF USE, MANDLING, STORAGE, AND DISPOSAL, AND THE SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL. CONSEQUENTLY, ALL RISKS INVOLVING THE USE OF THE PRODUCT ARE ASSUMED BY THE USER. WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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new

D.Surret 1(505) 333-0101New MexicoP.O. Box 1940Energy Minerals and Natural Resources IHobbs, NM 88241-1980Oil Conservation DivisionDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 87505Aztec, NM 87410(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96033 96007
1. RCRA Exempt: メ Non-Exempt: DATE: 08・フラ-タ6	4. Generator
Verbal Approval Received: Yes No By: D. Foust	Conoco
2. Management Facility Destination	5. Originating Site
Terry Environmental COMPANY ENC LANDFARM	CONOLD Plunt #61 CR 4900
3. Address of Facility Operator	6. Transporter
12420 CR 3100 Alter Non 87410	Riley
7. Location of Material (Street Address or ULSTR)	8. State
#61 CR 4900 Bloonfield NM 87413	$\sim \sim$
9. <u>Check One</u>	
(A.) All requests for approval to accept oilfield exempt wastes will be accompanied by a contribution of the contributication of the contribution of the contribution	ertificate of waste from the Generator; one
B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	essary chemical analyses to prove assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL: ScrußBer waste Fro (Gas Treat 102 Has moos Attached)	- GAS Plant ECEIVED AUG 2 8 1996 OL GON. DIVIS DIGT. 3
Estimated Volume $\underline{400 BBL}_{yd^3}$, Known Volume (to be entered by the operation	tor at end of haul):yd ³
SIGNATURE TITLE TITLE TITLE SIGNATURE TITLE TITLE SIGNATURE SIGNATURE TITLE SIGNATURE S	Pecialist DATE 08-23-96
TYPE OR PRINT NAME TELEPH	ONE NO
(This space for State Use) APPROVED BY Deny 2 Time TITLE Geolog IST APPROVED BY Enne Surel TITLE Geologist	DATE <u>8/28/76</u> DATE <u>8/28/76</u>

AZTEC, NEW MEXICO \$7418	P.O. DRAWER 15259 FARMINGTON, NEW MEXICO 874	01-S
	4 FAX (595)334-9924	
CERTIFICATE	of waste status"	
Originating Site: SR14 Physical Address if appropriate:6/ (a	14 County State uny A 4720, Blasmfield, NM 87413	
Source and description of wester	-	
Ges That 102. It is used to putit	4 45 Moon by remaining (D), and Make greats	
Destination: Tiens Landfarm Facility, 4	20 CR 3100, Azter, San Kun Co. N.M.	
I Chris Hanson (End. Engineer)		
Dr Cones Inc Ser Jun 64 Plan		
But Cones Inc. See Jun 625 Plant		
that the above described waste is non-hexardous by characteristic analysis o	source Conservation and Recovery Act (RCRA) Exempt ion-Encopt and that it has been identified as t by product identification as required.	•-
for <u>Canco Inc. Sur Jum for Plan</u> do hereby cartify that according to the Re that the above described waste is <u>I</u> non-herendows by characteristic analysis o The required documentation is hereto atta	enurce Conservation and Recovery Act (RCRA) Exempt ion-Exempt and that it has been identified as t by product identification as required. ched: Post-K" brand tax transmittal memo 7671 & organs	·
for <u>Canes Inc. Sur Jum for Florr</u> do hereby certify that according to the Re that the above described waste is <u>I</u> non-hereardous by characteristic analysis o The required documentation is hereto atta Check appropriate lime(s):	entres Conservation and Resouvery Act (RCRA) Exempt ion-Enempt and that it has been identified as r by product identification as required. ched: Post-it" brand tax travenites memo 7671 (or must Lew: 5 Press - Ferry	_
Ror <u>Conso Inc. Sur Jum 645 Plany</u> do hereby certify that according to the Re that the above described waste is <u>1</u> non-herendens by characteristic analysis o The required documentation is hereto atta Check appropriate line(s); <u>MSDS information about</u>	Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt ins-Exempt	(7
for <u>Conso Inc. Sur Jum 645 Plany</u> do hereby certify that according to the Re that the above described waste is <u>1</u> non-hazardnus by characteristic analysis o The required documentation is hereto atta Check appropriate lime(s): <u>MSDS information sheet</u> RCRA TCLP Analysis	Exempt Source Conservation and Resouvery Act (RCRA) Exempt Son-Exempt and that it has been identified as r by product identification as required. ched: Post in brand fax travenites meno 7671 formula Check: Form Form Form Caneco Can Date 63 2.490 0 Tamer 36 9+ 2	(1 97)
for <u>Case Inc. Sur Jum for Florr</u> do hereby certify that according to the Re that the above described waste is <u></u> non-hazardous by characteristic analysis o The required documentation is hereto atta Check appropriate line(s): <u>MSDS information sheet</u> RCRA TCLP Analysis <u>Corregivity</u> , Ionitability, Reactivity	Example Example instant and that it has been identified as t by product identification as required. ched: Possic brand in transmitted memo TOT for $\frac{1}{1000}$ for $\frac{1}{1000}$ for $\frac{1}{1000}$ $\frac{1}{1000}$ for $\frac{1}{1000}$ for $\frac{1}{10000}$	(1 97)
Ror Gauge Int. Sur Jum for Plany do hereby cartify that according to the Re that the above described waste is h non-herencious by characteristic analysis o The required documentation is hereto atta Check appropriate line(s): MSDS information about RCRA TCLP Analysis RCRA Metals Analysis Corrosivity, Ignitability, Reactivity I further cartify that there has been as	Exampt inn-Exampt and that it has been identified as the branchest identification as required. the Possic brand in terminital meno 7671 formula $\frac{1}{1600} \cdot \frac{1}{900}$ $\frac{1}{1600} \cdot \frac{1}{900}$	(1 97)
for <u>Case Inc. Sur Jum for Florr</u> do hereby certify that according to the Re that the above described waste is <u></u> non-hazardous by characteristic analysis o The required documentation is hereto atta Check appropriate line(s): <u>MSDS information sheet</u> RCRA TCLP Analysis <u>Corregivity</u> , Ionitability, Reactivity	Exampt inn-Exampt and that it has been identified as the branchest identification as required. the Possic brand in terminital meno 7671 formula $\frac{1}{1600} \cdot \frac{1}{900}$ $\frac{1}{1600} \cdot \frac{1}{900}$	(1 97)
Ref	Exampt inn-Exampt and that it has been identified as the branchest identification as required. the Possic brand in terminital meno 7671 formula $\frac{1}{1600} \cdot \frac{1}{900}$ $\frac{1}{1600} \cdot \frac{1}{900}$	(1 97)
Ror Gauge Int. In Jum 64 Plan do hereby certify that according to the Re that the above described waste is h non-hazardous by characteristic analysis o The required documentation is hereto atte Check appropriate line(s): MSDS information sheet RCRA TCLP Analysis RCRA Metals Analysis further certify that there has been no stored / used at the facility generating the r Signature Music	Exampt inn-Exampt and that it has been identified as the branchest identification as required. the Possic brand in terminital meno 7671 formula $\frac{1}{1600} \cdot \frac{1}{900}$ $\frac{1}{1600} \cdot \frac{1}{900}$	(1 97)
Ror Gauge Int. Sur Jum for Plan do hereby cartify that according to the Re that the above described waste is h non-herendows by characteristic analysis o The required documentation is hereto atte Check appropriate line(s): MSDS information abset RCRA TCLP Analysis Corresivity, Ignitability, Reactivity I further cartify that there has been no stored / used at the facility generating the Signature	Exampt inn-Exampt and that it has been identified as the branchest identification as required. the Possic brand in terminital meno 7671 formula $\frac{1}{1600} \cdot \frac{1}{900}$ $\frac{1}{1600} \cdot \frac{1}{900}$	(1 97)

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08/01/98 15:28 1505 334 8024 TIERRA ENVIRON

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District ICourse 1940Hobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 87505Aztec, NM 87410(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9600
1. RCRA Exempt: Non-Exempt: DATE: 7/34/96	4. Generator
Verbal Approval Received: Verbal Approval Received: Verbal No By: D. Foust	Mer. i d. i en
2. Management Facility Destination	5. Originating Site
3. Address of Facility Operator	meercith Swo #4
Hydo CR 3100 Aztec Nm 87410	6. Transporter
7. Location of Material (Street Address or ULSTR)	8. State
5.34. T-30N R-WW SAN JUAN countr	Nm
9 Check One	
All requests for approval to accept oilfield exempt wastes will be accompanied by a c	ertificate of waste from the Generator; one
 B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved. 	ssary chemical analyses to prove assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL: filteled solids and of	I miked with soil
(or: iting mund) FROM SWD. with No Recoverable	Hrdrocarbons,
	ED
OIL Con. d	กกส
Estimated Volume <u>500</u> BLSE Known Volume (to be entered by the operation	tor at end of haul):yd ³
	<u>Δές. c (.s.f</u> DATE <u>0)-3</u> NONE NO. (505) 334-8894
	UNL NO. <u>(303) 337-0074</u>
(This space for State Use) APPROVED BY <u>Sent 3</u> , <u>Joint</u> TITLE <u>Geologist</u> APPROVED BY <u>Since</u> <u>Burch</u> TITLE <u>Geologist</u>	date <u>8/21/96</u> date <u>8/21/96</u>

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TIERRA

ENVIRONMENTAL CORPORATION

CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924

334-9024

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.) McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

_x__ in The State of New Mexico

From the State of _____. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Filtration of incoming fluids to the McGrath SWD #4 injection well.

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility

SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

I Craig A. Bock representative for Maridian 011 Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "bazardous" by RCRA or any other Federal, State or Local lawy regulation or ordinance.

Signature/

Title Environmental Representative

Addres P.O. Box 4289, Farmington NM 87499-4289

Date 7/an/al

Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499

Safety and Environmental	1. Waste Location: Lease/Well No. McGrath SWD #4 Sec. 34, Town. 30N, Range 12W 2. Volume:
·	 4. Method of Waste Generation: <u>Filtration on incoming fluids to</u> <u>the McGrath SWD #4 well.</u> 5. Disposal Facility: <u>Figure</u> 6. Disposal Cost:
	 This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4. Approval for Disposal
MÖI Representative	Transportation Company: Date(s) Transported: MOI Representative on Site (signature)
Disposal Facility Complete and return to Meridian Safety and Environmental with involce.	Date(s) Received: Total Volume Received: Waste Location : Cell/Grid No Received By :

Revised January 16, 1994

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Insurct 1(505) 533-0101P.O. Rox 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 87505Aztec, NM 87410(505) 827-7131	FUTHI C-130 Originated 4/18/95 Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9600 9000
1. RCRA Exempt: X Non-Exempt: DATE: 07-20-96	4. Generator
Verbal Approval Received: Verbal Approval Received: Verbal Approval Received: Verbal No By: 0. Foust	Meridian
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. Enc.	mcarith #4 Swn.
3. Address of Facility Operator	6. Transporter
12420 CR 3100 Aztec Nm 87410	cfim
7. Location of Material (Street Address or ULSTR)	8. State
Sec-34- T-30N, RIDU SAN JUAN County	Nm
 certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved. All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms collected must pits from SALT water Dispose 1 Fucility. 	assified as hazardous by listing or testing ose consigned for transport.
Estimated Volume 40.5 . Known Volume (to be entered by the opera	
	20.51.56 DATE 07-23-91
TYPE OR PRINT NAME TOUL D. Nob: 5 TELEPH	IONE NO(505) 334-8894
(This space for State Use) APPROVED BY <u>Jemy & temt</u> TITLE <u>Geolog 15</u> APPROVED BY <u>Encolog</u> TITLE	DATE 7/24/96 DATE 2

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TIERRA ENVIRONMENTAL CORPORATION

CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.) McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Filtration of incoming fluids to the McGrath SWD #4 injection well.

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility

SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

<u>Craig A. Bock</u>

representative for Meridian Oil Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance.

	· . 16 /	
Signature	3 8th och	
•		

Title_Environmental Representative

Addres P.O. Box 4289, Farmington NM 87499-4289

Date 7

	Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499
Safety and Environmental	 Waste Location: Lease/Well No. McGrath SWD #4 Sec. 34, Town. 30N, Range 12W
	 Volume: <u>400</u> <u>Cubic Yards</u> <u>Barrels</u> <u>Gallons</u> Bescription of Waste: <u>Filtered solids and oil mixed with soil</u>.
	4. Method of Waste Generation: Filtration on incoming fluids to
-	5. Disposal Facility: Tierra
	6. Disposal Cost:
	 7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4. Approval for Disposal <u>7 A Bak</u> Date <u>7/17/9</u> (signature)
MOI Representative	Transportation Company: Date(s) Transported:
	MOI Representative on SiteDate
Disposal Facility Complete and return to Meridian Safety and	Date(s) Received: Total Volume Received: Waste Location : Cell/Grid No
Environmental with invoice. . .	Received By :

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Insuriet / P.O. Box 1940New MexicoFobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. First Artesia, NM 88210Conservation DivisionDistrict III(505) 334-6178 1000 Rio Brazos Road Aztec, NM 874102040 South Pacheco Street Santa Fe, New Mexico 87505District IV(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office		
REQUEST FOR APPROVAL TO ACCEPT S	OLID WASTE 96007		
 RCRA Exempt: X Non-Exempt: DATE: 7-17-96 Verbal Approval Received: Yes No By: Denny Forst Management Facility Destination Treeen Environmental Cana Freem- Chouch mest Address of Facility Operator 420 CR 3100 Aztec, NM 87410 Location of Material (Street Address or ULSTR) unit m S-25, T-30N, R9W Check One All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. All requests for approval to accept non-exempt wastes must be accompanied by ne the material is non-hazardous and the Generator's certification of origin. No waste will be approved. 	cessary chemical analyses to prove classified as hazardous by listing or testing		
BRIEF DESCRIPTION OF THE MATERIAL: contaminated soil from Deip pit DECENTED JUL 1 8 1996 OIL CONO DIVO Estimated Volume (to be entered by the operator at end of haul):yd ³			
SIGNATURE Ba will TITLE Environmental	<u>Specialis</u> DATE <u>7-17-94</u> HONE NO. <u>(505) 334-8894</u> DATE 7/19/96		

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420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-25T-30NR-9W 1/4 1/4 County 5m State NMPhysical Address if appropriate:

Source and description of waste:

.

JACQUEZ #1 DRip pit excavation of contaminated soils From Amoco operators

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I Ray Haston representative for <u>ANM Gas Services</u> 603 W E/M Farmington NM 87401

do hereby ceftify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is $\underline{\times}$ Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

____RCRA TCLP Analysis

____RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since

Signature Lui Hasi Printed Name Ray Haston ENVION MENTAL Technician IL Title Date 7-17-96

OIL CON. DIV. DIST. 3

Insurict 1 (505) 333-0101 P.O. Box 1940 Hobbs, NM 88241-1980New Mexico Energy Minerals and Natural Resources I Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 1000 Rio Brazos Road Aztec, NM 87410New Mexico 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	
1. RCRA Exempt: Non-Exempt: DATE: 07-11-96	4. Generator
Verbal Approval Received: (res) No By: D. foust	BAS: DisposAL
2. Management Facility Destination	5. Originating Site
Tierry Environmental CO. INC. LANDFARM	#6 CR 5046
3. Address of Facility Operator	6. Transporter
# 420 CR 3100 Aztec NM 87410	JACQUE 2
7. Location of Material (Street Address or ULSTR)	8. State
#6 CR 5046 BIMFID. 5-3, T-29N R.IIW SAN JUAN	Nm
9. <u>Check One</u>	
A.) All requests for approval to accept oilfield exempt wastes will be accompanied by a c	ertificate of waste from the Generator; one
certificate per job.	
B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	
All transporters must certify that the wastes delivered are only th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	
Solids from wastewater Enjection	DECENT
process pre-mixed w/ clean 50:1	
process provincial of thear service	JUL 1 6 1996
	OIL CON. DIV.
	DIST. 3
Estimated Volume 600 yd ³ Known Volume (to be entered by the operation	tor at end of haul):yd ³
SIGNATURE ZIL D.N- TITLE ENGLIS	ecistist DATE 07-11-96
TYPE OR PRINT NAME 70 JU V NOV S TELEPH	IONE NO(505) 334-8894
(This space for State Use)	
APPROVED BY Demy & Zerry TITLE Geologist	DATE 7/17/96
APPROVED BY June Bush TITLE "	
Je rea range	

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TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-3 T-29 R-11~ 1/4 1/4 County SAN State NM Physical Address if appropriate: Unit EFF #6 CR 5046 Blmfld NM

Source and description of waste:

Solid's mixed with clean Soil From waste water Injection process

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

Í. Non Lee representative BASA DISPOSAL for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is ______Exempt

_

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

___RCRA TCLP Analysis

___RCRA Metals Analysis

___Corrosivity, Ignitability, Reactivity

_____I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____

Signature avon del Lee Printed Name Don manin Title 7-11-10 Date "

JUL 1 6 1996

G. Box'1940 New Mexico New Mexico Energy Minerals and Natural Resources I	CUTIL C-130 Originated 4/18/05 Department R 217/18/10/h
Hitrict II (505) 748-1283 II S. First Oil Conservation Division	
Intersia, NM882102040 South Pacheco StreetMistrict III(505) 334-6178Santa Fe, New Mexico000 Rio Brazos Road600 Rio Brazos Road600 Rio Brazos Road	· · · · · · · · · · · · · · · · · · ·
ztec, NM 87410 (505) 827-7131	District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: Non-Exempt: X DATE: 07-02-9(4. Generator
Verbal Approval Received: Yes No By: C. Eustice	Cooper / meridian
2. Management Facility Destination	5. Originating Site
Tierry Environmental CO. Inc.	QuerA U.StA comp. Station
3. Address of Facility Operator	6. Transporter
<u>#420 CR 3100 Aztec Nm 87410</u>	Riler
7. Location of Material (Street Address or ULSTR)	8. State
14 miles east of Azter Buend wistA comp. Stat. County	Nm
3. Check One	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.	ertificate of waste from the Generator; one
All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cla will be approved.	ssary chemical analyses to prove assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only the	ose consigned for transport.
RIEF DESCRIPTION OF THE MATERIAL	
NEW compressor oil (mosil pegusus 89) spilled on (around.
	BECEIVED
DECEIVED	
M JUL 1 5 1996	
	OHL CONL DIVI
OIL CON. DIV. Dist. 3	DETES
stimated Volumeyd ³ Known Volume (to be entered by the operat	tor at end of haul):yd ³
NATURE JUD.M- TITLE Environmental	5 Perin (SHDATE 07-02-8 (
	ONE NO(505) 334-8894
(This space for State Use)	
	$= \frac{1}{2} $
ROVED BY Demy 2. toun TITLE Geologist	DATE <u>7/3/76</u>
ROVED BY	DATE//0/96

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District I(505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 87505Aztec, NM 87410(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: Non-Exempt: X DATE: 07-02-96	4. Generator
Verbal Approval Received: Yes No By: C. Eustice	(objer / meridian
2. Management Facility Destination	5. Originating Site
Tierra Environmental CO. Inc.	Buena uista comp. Station
3. Address of Facility Operator	6. Transporter
# 420 CR 3100 Aztec Nom 87410	Riler
7. Location of Material (Street Address or ULSTR)	8. State
14 miles east of Azter, Buend wist a comp. Stat. County	Nm
9 <u>Check One</u>	
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job. All requests for approval to accept non-exempt wastes must be accomanied by necestive material is non-hazardous and the Generator's certification of origin. No waste clawill be approved. All transporters must certify that the wastes delivered are only the 	essary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: New compressor o: (mobil pegasus 39) spiced on (ONL CON. DIV.
	DIST. 3
Estimated Volumeyd ³ Known Volume (to be entered by the operat	or at end of haul):yd ³
SIGNATURE TITLE Environmental	5/Com/ SHDATE 07-02-5 (
	ONE NO(505) 334-8894
(This space for State Use) APPROVED BY Demy 2. But TITLE Scologis T	DATE 7/3/94
	DATE DATE

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TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505) 334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-_____R-__1/4: 1/4___COUNTYSANJUAN State_ N.M., Physical Address if appropriate: 14 mines EAST OF AZTAN ON COUNTY PD 24000 (BUPNA VISTA COMPRESSOR STATION) Source and description of waste: MOB: 1 0:1 PegASUS E9 SPINED ON ROCKS AND DIRT Ihis 0:1 15 NEW AND NOT USED

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I STEVE HENDERLON representative for mpRidiAN 011 INC.

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is ______ Exempt

non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

____RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since

Signature Printed Nama S Teure HANCARCON Title Supervisor MA' NTAVANCE SPRUICKS Date >

 Post-It brand fax transmittal men ~ 7671 for pages of 1

 To Steve

 From PL; /

 Co.

 Dept.

 Phone # 334-8894

 Pages of 1

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 Page 6

 Phone # 334-8894

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 Phone # 334-8894

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MATERIAL SAFETY DATA BULLETIN

ᇺᇧᆤᆠᆤᇧᆆᆑᆊᅸᆕᅋᅝᅝᆮᇍᅚᄚᆍᇑᆃᆍᆕᆐᇃᄥᇃᆕᄥᄹᆤᄥᆊᆑᆊᆕᆃᄵᅝᆄᆄᆎᆃᆆᆄᆄᆄᆎᇃᅒᅌᆎᆆᆆᇏᇏᅒᆋᅕᆋᅕᅒᅒᆆᅸᄔᅝᅸᅸᆎᆕᄥᆗᆂᆃᆃᄴᆃᄴᆔᆊᆊᆎᆍᆂᆂᆂᆂᆂᆂ 1. PRODUCT AND COMPANY IDENTIFICATION APPROVAL DATE: 09/08/94 PRODUCT NAME: MOBIL PEGASUS 89 SUPPLIER: MOBIL OIL CORP. PRODUCTS AND TECHNOLOGY DEPT. 3225 CALLOWS RD. FAIRFAX, VA 22037 24 - Hour Emorgoncy (call collect): 609-737-4411 Product and MSDS Information: 800-662-4525 703-849-3265 CHEMTREC : 800-424-9300 202-483-7616 *** 2. COMPOSITION/INFORMATION ON INGREDIENTS INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH: This product is not formulated to contain ingredients which have exposure limits ostablished by regulatory agencies. It is not hagardous to health as defined by the European Union Dangerous Substances/Proparations Directives. See Section 15 for a regulatory analysis of the ingredients. See Section 8 for exposure limits (if applicable). 3. HAZARDS IDENTIFICATION US USHA HAZARD COMMUNICATION STANDARD: Product essessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous. EFFECTS OF OVEREXPOSURE: No significant effects expected. EMERGENCY RESPONSE DATA: Amber Liquid. DOT ERG No. - NA 4. FIRST AID MEASURES EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician. SKIN CONTACT: Wash contact areas with soap and water. INHALATION: Not expected to be a problem, INGESTION: Not expected to be a problem. However, if greater than 1/2liter(pint) ingested, immediately give 1 to 2 glasses of water and call a physician, hospitel emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

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MOB	I L.	PEGASUS	89

5. PIRE PICHTING MEASURES	
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothin Use water to keep fire exposed containers cool. Water spray be used to flush spills away from exposure. Prevent runoff fire control or dilution from entering streams, sewers, or drinking water supply. SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Flash Point C(F): > 249(480) (ASTM D-92), Flammable limits - LEL: NA, UEL: NFPA HAZARD ID: Health: 0, Flammable limits 1, Reactivity: 0	ng. ' may Erom NA,
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides. Blemental oxides.	
6. ACCIDENTAL RELEASE MEASURES	
 NOTIFICATION PROCEDURES: Report spills as required to appropriate authoritics. U. S. Coast Guard regulations require immediat reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll f number (800) 424-8802. In case of accident or road spill no CHENTREC (800) 424-9300. PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. ENVIRONMENTAL PRECAUTIONS: Prevent spills from entering storm sew or drains and contact with soil. PERSONAL PRECAUTIONS: See Section 8 	e Troo Tify Up
7. HANDLING AND STORAGE): ** :: -: -: -:
NANDLING: No special procautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal	

hygiene practices. See Section & for Additional personal protection advice when handling this product. STORAGE: Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.

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MOBIL PEGASUS 89

605717-00 PAGE 3 OF 7

8. EXPOSURE CONTROLS/PERSONAL PROTECTION VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation. RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation. EYE PROTECTION: Normal industrial eye protection practices should be employed. SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed. EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits. However, a threshold limit value of 3.00 mg/m3 is suggested for oil mist. 9. PHYSICAL AND CHEMICAL PROPERTIES ------Typical physical properties are given below. Consult Product Data Sheet for spacific dotails. APPEARANCE: Liquid COLOR: Amber ODOR: Mild ODOR THRESHOLD; NA pff: 8.8 BOILING POINT C(F): 388(730) MELTING POINT C(P): NA PLASH POINT C(F): > 249(480) (ASTM D-92) FLAMMABILITY: NA AUTO FLAMMABILITY: NE EXPLOSIVE PROPERTIES: NA OXIDIZING PROPERTIES: NA VAPOR PRESSURE mmHg 20 C: < 0.1 VAPOR DENSITY: > 2.0 EVAPORATION RATE: NA RELATIVE DENSITY, 15/4 C: 0.89 SOLUBILITY IN WATER: Nogligible PARTITION COEFFICIENT: > 3.5 VISCOSITY AT 40 C, eSt: 121.5 VISCOSITY AT 100 C, eSt: 12.5 POUR POINT C(F): -26(-15) PREEZING POINT C(F); NE VOLATILE ORGANIC COMPOUND: EXEMPT IN U.S. NA-NOT APPLICABLE NE-NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER LECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

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MOBIL PEGASUS 89

605717-00 PAGE 4 OF 7

	ILITY AND REACTIVITY
	Y (THERMAL, LIGHT, ETC.): Stable NS TO AVOID: Extreme heat.
	IBILITY (MATERIALS TO AVOID): Strong exidizors.
	S DECOMPOSITION PRODUCTS: Carbon monoxidg. Metal oxides.
	mental oxides.
AZARDOU	S. POLYMERIZATION: Will not occur.
	ᆕᆇᅅᅅᄫᇏᇝᇍᇞᇓᇞᅑᅒᇠᆕᄥᅇᄥᆤᆤᆤᆤᅋᅇᆕᅋᆑᆕᆑᆤᇾᅋᆕᅋᇾᆕᅋᆤᅋᅋᅸᅋᅇᅻᅋᄧᅸᅋᅇᅸᅋᅇᅸᅋᅇᅸᅋᅚᅸᅋᅸᅋᇉᅋᇧᇉᇾᅆᅸᅸᅸᇉᅸᅸᅸᅸᅸᅸᅸᅸᅸᅸ ᅟ
1. TOXI	COLOGICAL DATA
	~~~ACUTE TOXICOLOGY
RAL TOX	ICITY (RATS): Practically non-toxic (LD50: greater than 2000
mg/	kg)Basad on testing of similar products and/or the
¢¢M	ponents.
ERMAL T	DX(C(TY (RABBITS): Practically non-toxic (LD50: greater than
	O mg/kg)Based on testing of similar products and/or the
	ponents. ON TOXICITY (RATS); Fractically non-toxic (LC50; groater
the	n 5 mg/1)Based on testing of similar products and/or the
	ponents.
YE IRRI	TATION (RABBITS): Practically non-irritating. (Draige score:
	ator than 6 but 15 or leas).
KIN IRR	LTATION (RABBITS): Practically non-irritating. (Primary
188 1880 AČ	itation index: greater than 0.5 but less than 3). UTE TOXIGITY DATA: The scute toxicological results summarized
	ve are based on testing of representative Mobil products.
	resentative Mobil formulations have shown no acute effects,
adm	inistored via the inhalation route, when tested at maximum
att	ainablo oil mist <b>or Vapor concentrations.</b>
	SUBCHRONIC TOXICOLOGY (SUMMARY)
apresen	tative Mobil formulations have been tested at the Mobil
	ironmental and Health Sciences Laboratory by dermal
	lications to rate 5 days/week for 90 days at doses
81 g.	nificantly higher then those expected during normal industrial osure. Extensive evaluations, including microscopic
	mination of internal organs and clinical chemistry of body
	ids, showed no adverse effects.
ermal e	sposure of pregnant rate to representative formulations did
	causo adverse effects in either the mothers or their
off	epring.
	CHRONIC TOXICOLOGY (SUMMARY)
he base	oils in this product are soverely solvent refined and/or
4 Q V	erely hydrotroated. Chronic mouse skin painting studies of
8 <b>9</b> V	eraly treated oils showed no evidence of carcinogenic effects.
	se results are confirmed on a continuing basis using the Mobil
Mod	ified Ames Test.
	(Section continued next page)

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NOBIL PEGASUS 89

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--- SENSITIZATION (SUMMARY) ---

Representative Mobil formulations have not caused skin sensitization in guines pigs.

---OTHER TOXICOLOGY DATA----

Used gasoling engine oils have shown evidence of skin carcinogenic activity in laboratory tests when no effort was made to wash the oil off between applications. Used oil from dissel engines did not produce this effect.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: Not established.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corresivity, or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

HID/ADR: NOT RECULATED BY RID/ADR.

IMO: NOT REGULATED BY INO.

IATA: NOT REGULATED BY IATA.

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overnmental E [NECS/E]	Inventory Status: Al. .INCS, and DSL.	l components com	ply with TS	CA,
U Classifica	tion and Labeling: E	U laboling not r	equired.	
.S. Superfun	i Amendments and Res	uthorization Act	(SARA) Tit	le III:
This product	contains no "EXTRE	Mely hazardous s	UBSTANCES".	
SARA (311/3	12) REPORTABLE HAZAR	D CATEGORIES: No	N9,	
This made	t contains no chemic	sia tagortahia u	nder	
SARA (313)	contains no cheata toxic release program	W. den væhaffænta A	ar de de p	
	"AVYC LATERNA PAABaa			
	data rerene hedia	<b>m 1</b>		
			e lista bel	. OW 1
he following	product ingredients		LIST CI	TAT CONS
he following HEMICAL NAME	product ingredients	are cited on th CAS NUMBER	LIST CI	TAT CONS
he following	product ingredients	are cited on th CAS NUMBER	LIST CI	TAT CONS
The following HEMICAL NAME INC (ELEMENT PHOSPHORODITH	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI	are cited on th CAS NUMBER 7440-66-6 68649-42-3	LIST CI	TAT CONS
The following THEMICAL NAME TINC (ELEMENT PHOSPHORODITH C1-14-ALKYL E	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2	are cited on th CAS NUMBER 7440-66-6 68649-42-3	LIST CI	TAT CONS
The following HEMICAL NAME LINC (ELEMENT PHOSPHORODITH	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%)	are cited on th CAS NUMBER 7440-86-6 68649-42-3	LIST CI 22 22 22	TAT CONS
The following CHEMICAL NAME LINC (ELEMENT PHOSPHORODITH CI-14-ALKYL E L) (ZODP) (	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR	are cited on th CAS NUMBER 7440-86-6 68649-42-3 1 Y LISTS SEARCHED	LIST CJ 22 22	TAT IONS
The following CHEMICAL NAME CINC (ELEMENT PHOSPHORODITH CI-14-ALKYL E C) (ZODP) ( A - ACGIH ALL	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR 6 ' IARC 1 11	are cited on th CAS NUMBER 7440-86-6 68649-42-3 ? Y LISTS SEARCHED TSCA 4 17 =	22 22 22	174T CONS
The following HEMICAL NAME INC (ELEMENT HOSPHORODITH (1-14-ALKYL E ) (ZODP) ( - ACGIH ALL - ACGIH ALL	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR 6 · IARC 1 11 7 · IARC 2A 12	<ul> <li>are cited on th CAS NUMBER</li> <li>7440-66-6 68649-42-3</li> <li>Y LISTS SEARCHED</li> <li>TSCA 4 17 = TSCA 5e2 18 =</li> </ul>	22 22 22 • CA P65	22 - MI 293 13 - MN RTK
The following CHEMICAL NAME CINC (ELEMENT PHOSPHORODITH CI-14-ALKYL E CI = ACGIH ALL C = ACGIH ALL C = ACGIH AL A = ACGIH A2	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR 6 · IARC 1 11 7 · IARC 2A 12 8 · IARC 2B 13	<pre>are cited on th CAS NUMBER ) 7440-86-6 68649-42-3 ; Y LISTS SEARCHED - TSCA 4 17 = TSCA 5e2 18 = TSCA 5e 19 </pre>	22 22 22 • CA P65 • CA RTK	22 - MI 293 23 - MN RTK 24 - NJ RTK
he following HEMICAL NAME INC (ELEMENT HOSPHORODITH 1-14-ALKYL E ) (ZODP) ( - ACGIH ALL - ACGIH ALL - ACGIH AL	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR 6 · IARC 1 11 7 · IARC 2A 12 8 · IARC 2B 13	<pre>are cited on th CAS NUMBER ) 7440-86-6 68649-42-3 ; Y LISTS SEARCHED - TSCA 4 17 = TSCA 5e2 18 = TSCA 5e 19 </pre>	22 22 22 • CA P65 • CA RTK	22 - MI 293 23 - MN RTK 24 - NJ RTK
The following CHEMICAL NAME CINC (ELEMENT PHOSPHORODITH CI-14-ALKYL E CI = ACGIH ALL C = ACGIH ALL C = ACGIH AL A = ACGIH A2	product ingredients AL ANALYSIS) (0.03% DIC ACID, 0,0-DI STERS, ZINC SALTS (2 0,24%) REGULATOR 6 · IARC 1 11 7 · IARC 2A 12	<pre>are cited on th CAS NUMBER ) 7440-86-6 68649-42-3 ; Y LISTS SEARCHED - TSCA 4 17 = TSCA 5e2 18 = TSCA 5e 19 </pre>	22 22 22 • CA P65 • CA RTK	22 - MI 293 23 - MN RTK 24 - NJ RTK

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MOBIL PEGASUS 89

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CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

USE: NATURAL CAS ENGINE OIL

the set of the set of

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

See container label for ingredient information.

****** For Mobil Use Unly: MHC: 1* 1* 0* 1* 1*, MPPEC: A, REQ: US -MARKETING ******

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE. BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALUD PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

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Propared by: Mobil Oil Corporation

Environmental Health and Safety Department, Princeton, NJ

Instrict II(505) 333-0101New MexicoP.O. Box 1940Energy Minerals and Natural ResourcesHobbs, NM 88241-1980Oil Conservation DivisionDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131District IV(505) 827-7131	<b>FUTILI C-130</b> Originated 4/18/95 <b>Department</b> Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	LID WASTE 96000
1. RCRA Exempt: X Non-Exempt: DATE: 06 - 24-96	4. Generator
Verbal Approval Received: Yes No By: 0. Vous	Schulk Development CO.
2. Management Facility Destination	5. Originating Site
Terra Environmental Company Enc. LANDFARM	Schark 54#6
3. Address of Facility Operator	6. Transporter
H440 CR 3100 Aztec, Nm 87410	· · · · · · · · · · · · · · · · · · ·
7. Location of Material (Street Address or ULSTR)	8. State
Schulk 54 #6 5-24 T. 29N; R 5W R:0 ArribA county	New mexico
<ul> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste of will be approved.</li> <li>All transporters must certify that the wastes delivered are only the material of the material is non-hazardous and the second seco</li></ul>	assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: MATERIAL: MATERIAL consists of CALC which accumulated over fine in the Bottom of An everpo	um chlonisle & stalt ation TANK at this site. BECEIVED JUL 0 3 1996 OML COMO DING
	DIST. 3
Estimated Volumeyd ³ Known Volume (to be entered by the operation of the operation	or at end of haul):yd ³
	<u>/ec.c./`s/</u> DATE <u>06-24-7(</u> ONE NO. (505) 334-8894
(This space for State Use) APPROVED BY Dented, Dented TITLE GeologisT APPROVED BY Envice Succe TITLE	DATE DATE

## TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



## P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

### PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-2-/ T-29~ R-5~ $1/4$ $1/4$ County R: Arr 34 State $2$ M
Physical Address if appropriate:
Source and description of waste:
Shark 54 #6 evaporation pil consisting of colcium chloride SALL: (A:t Bottoms.)
Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.
I John Ahlm representativ
for schalt Devolopment 6.
do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is <u>X</u> Exempt
Non-Exempt and that it has been identified as
non-hazardous by characteristic analysis or by product identification as required.
The required documentation is hereto attached:
Check appropriate line(s):
MSDS Information sheet RCRA TCL P. Analysia

RCRA Metals Analysis

____Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since

Signature___ Printed Name TL 61M Title Mai Date 6

Hobbs. NM 88241-1980 District III (505) 748-1283Energy Minterals and Natural Resources811 S. First Artesia, NM 88210 District III (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV (505) 827-7131Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	OLID WASTE 96007
1. RCRA Exempt: Non-Exempt $X$ DATE: 06 9-96	4. Generator
Verbal Approval Received: Yes (No By:	GARY Williams Freins Y
2. Management Facility Destination	5. Originating Site APAChe Station
JieMatEnvironmental Co. FAC. 3. Address of Facility Operator	$\frac{5 \cdot 33}{6} = \frac{7 \cdot 25 \cdot N}{R} \cdot \frac{R \cdot 6 \cdot N}{5} = \frac{5 \cdot 25 \cdot N}{4}$
# 420 CR 3100 Aztec Nin 87410	
7. Location of Material (Street Address or ULSTR)	Sunco 8. State
Free TANK At #420 CR3100 Actes NM 87410	NM
<ul> <li>(B) All requests for approval to accept non-exempt wastes must be accompanied by a the material is non-hazardous and the Generator's certification of origin. No waste will be approved.</li> </ul>	a certificate of waste from the Generator; one cessary chemical analyses to prove classified as hazardous by listing or testing
Certificate per job. (B) All requests for approval to accept non-exempt wastes must be accomanied by new the material is non-hazardous and the Generator's certification of origin. No waste will be approved. All transporters must certify that the wastes delivered are only the material becomes and the Generator's certification of origin. No waste will be approved. BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms w/wo Re	cessary chemical analyses to prove classified as hazardous by listing or testing hose consigned for transport.
Certificate per job. (B) All requests for approval to accept non-exempt wastes must be accomanied by new the material is non-hazardous and the Generator's certification of origin. No waste will be approved. All transporters must certify that the wastes delivered are only the	cessary chemical analyses to prove classified as hazardous by listing or testing hose consigned for transport.
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<ul> <li>Certificate per job.</li> <li>(B) All requests for approval to accept non-exempt wastes must be accomanied by new the material is non-hazardous and the Generator's certification of origin. No waster will be approved.</li> <li>All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION of the BRIEF DESCRIPTION of the BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms where a construction of the BRIEF DESCRIPTION of the BRIEF DESCRIPT</li></ul>	Cessary chemical analyses to prove classified as hazardous by listing or testing hose consigned for transport. Coverable Hydrocarbons DECENDED JUN 1 9 1996
Certificate per job.          (B)       All requests for approval to accept non-exempt wastes must be accomanied by new the material is non-hazardous and the Generator's certification of origin. No waste will be approved.         All transporters must certify that the wastes delivered are only the material is non-hazardous and the Generator's certification of origin. No waste will be approved.         BRIEF DESCRIPTION OF THE MATERIAL:       TANIK Bottoms ~/No Reference         From 10,000       BBL Storage         TANK (crude oil)       DECENVE         JUN 2 8 1996       JUN 2 8 1996         Estimated Volume       350 BBLS per Known Volume (to be entered by the oper Known Volume (to be entered by the oper Known Volume (to be entered by the oper Context of	cessary chemical analyses to prove classified as hazardous by listing or testing         hose consigned for transport.         corecuble       Hydrocarbons         PECENVED         JUN 1 9 1996         OUL CONSTOR         DISTS 3
certificate per job. (B) All requests for approval to accept non-exempt wastes must be accomanied by ner the material is non-hazardous and the Generator's certification of origin. No waste will be approved. All transporters must certify that the wastes delivered are only th BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottoms who Re From 10,000 BBL Storage TANK (crude oil) DECENTION 2 8 1996 OILL COMO DIV Estimated Volume 350 BBLs of the Material Storage TITLE Environmental S SIGNATURE MATERIAL: TITLE Environmental S	Cessary chemical analyses to prove classified as hazardous by listing or testing hose consigned for transport. Coverable Hydrocarbons DECENDED JUN 1 9 1996

District I         (505) 373-0101           P.O. Box 1940         Hobbs, NM 88241-1980           District II         (505) 748-1283           811 S. First         Artesia, NM 88210           District III         (505) 334-6178           1000 District III         (505) 334-6178	2040	Conservati D South Pac		Department	FUI III C-150 Originated 4/18/95 Submit Original Plus 1 Copy
1000 Rio Brazos Road Aztec, NM 87410 <u>District IV (</u> 505) 827-7131		(505) 827	-7131		to appropriate District Office
	REQUEST FOR APP	PROVAL T	O ACCEPT S		96007
1. RCRA Exempt:	Non-Exempt $X$	DATE: (	06.19-96	4. Generator	
Verbal Approval Re	ceived: Yes (No	By:	,	GARY Williams F	TARAS V
2. Management Fac	ility Destination		<u> </u>	5. Originating Site	
Tienatenuironme	atal co. Enc.			5.33 T.25N R-6N	• •
3. Address of Facility	/ Operator	•		6. Transporter	
	Aztec Nm 8			Sunco	
7. Location of Materi	al (Street Address or	ULSTR)		8. State	
From TANK At #	420 CR 3100 AZ	ier Nos	87410	NM	
9 Check One			<u> </u>	, ,,	<u> </u>
	for approval to accept oilfield exe	mot wastes will	be accompanied by a	certificate of waste from the Gen	erator: one
certificate pe	er job.				
the material	for approval to accept non-exemption is non-hazardous and the General	ot wastes must b itor's certificatior	e accomanied by nec of origin. No waste	essary chemical analyses to provi classified as hazardous by listing (	e or testing
will be appro	ived.				
All transporters mus	st certify that the was	tes deliver	red are only th	nose consigned for tra	ansport.
BRIEF DESCRIPTION O	F THE MATERIAL:	k Bottom	s ~INO Re	weishe Huden	
From 10,000 BBL	Storage TANK	Conclar			10 8013 1
	9				
				JUN 1 9 1996	
			<i>U</i> E	JUN 1 9 1996	
			തി		
Estimated Volume350	BBL3	Volume (to be	entered by the opera	ator at end of haul):	yd ³
	i DNI				16-51
SIGNATURE	TOJU D. Nob			<u>/ℓc /</u> DATE <u>06</u> HONE NO <b>(505) 33</b> 4	
		×			
(This space for State Use)		• • • •		i i i i i i i i i i i i i i i i i i i	
APPROVED BY Derry	S. put TITLE	Geolo	gist	DATE	19/96
APPROVED BY	TITLE	÷	1	DATE	. /

Submit 5 corries to	T 11 '95 15:48 OCP	TEC NM				P.2
	o Appropriate District Office		ate of New Mexico			
	llobbs, NM 88241-1980		and Natural Resource	es Department		Form C-117 /
	D, Anesia, NM 88211-0719	OIL CONS	SERVATION DI	VISION	•••	Revised 4-1-9
DISTRICT III 1000 Rio Brazos	s Rd, Azzec, NM 87410	Santa Fe,	P.O. Box 2088 New Mexico 87504	-2088	PERMIT NO	D
TANK CL	EANING, SEDIMENT OIL R	EMOVAL, TRANSPOR	TATION OF MISCELL	ANEOUS HYDR	OCAREONS AND	DISPOSAL PERMIT
	<u>Gary Williams E</u>					8
	ame_Apache Statio	G.	a County N.M.			
OPERATION	TO BE PERFORMED:	· *.			U.L Se	z Twp Rge.
·		Sediment Oil Remov	al X Transportatio	n of Miscellancou	Hydrocarbons	
	Operator or Owner Represen	tative authorizing work	Phillip C. No	<u>bis - Tier</u>	ra Environm	ental Co. In
	Date Work to be Performed_	October 4, 19	995			
	TANK CLEANING DA	TA Tank Number	· · · · · · · · · · · · · · · · · · ·	Volume_		
	SEDIMENT OIL OR M	Tank Type		Volume E	elow Load Line	
	Sedi- conc		XX Other Transp		acility cla	anine
	MISCELLANEOUS O		A Oner Hansp	ortation i	acting the	
		Pipeline Station	Crude Terminal	Refinery	Other*	
	Catchings From: Gasol	ine Plant 🔲 Gathering	Lines 🔲 Salt Water	Disposal System	Other*	
	Pipeline Break Oil or Spiil					
	1	-				
	Char (Ventain)					
	•Other (Explain)	·····	· · · · · · · · · · · · · · · · · · ·		<u>.</u>	
VOLIME AN						
<u>YOLUME AN</u>	*Other(Explain)	Estimated Volume		Field test	rolume of good oil (Not sequired prior to Divis	
<u> YOLUME AN</u>	DESTINATION: Destination (Name and Loca	Estimated Volume	2 <u>00</u> Bbls		(Not required prior to Divis	ica: approval)
<u>VOLUME AN</u>	DESTINATION:	Estimated Volume	2 <u>00</u> Bbls		(Not required prior to Divis	ica: approvai)
	DESTINATION: Destination (Name and Loca Aztec, N.M. 874 ON OF SEDIMENT OIL	Estimated Volume	200 Bbls. ær facility) Tierr	a Environn	(Not required prior to Divis	arm 420 CR 3
	Destination (Name and Loca Aztec, N.M. 874 ON OF SEDIMENT OIL (Expisin) Landfarmi	Estimated Volume	200Bbls. ær facility)Tierr Burning [] Pit	a Environn Disposal []	Not required prior to Divis	arm 420 CR 3
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Operator Transporter (2) ;



TIERRA ENVIRONMENTAL COMPANY Inc. P.O. DRAWER 15250 FARMINGTON, NM 87401

January 18, 1996

Mr. Bill Olsen, Hydrogeologist New Mexico Oil Conservation Division. 2040 South Pacheco Santa Fe, New Mexico 87505

### **RE:** APACHE JUNCTION CRUDE STATION

Dear Mr.Olsen:

I am in receipt of your letter dated January 10, 1996 regarding the above captioned location.

As contractor for Gary William's Energy, I apologize for the oversight on our part for not including the information you have requested in the original report.

All BTEX concentration levels at the site were obtained using a Thermo-Environmental Organic Vapor Meter, Model 580 B

1. LACT Unit

Base of excavation:

LACT Pit # 1,	8' depth	14 ppm
LACT Pit # 2,	15' depth	70 ppm

2. Transfer Terminal

Base of test hole 24' level 139

139 ppm

With regard to the tank bottoms and sludges removed from the storage tank, they were transported to the Tierra Landfarm Facility and are presently stored in a frac tank. Verbal permission was received by me via telephone from Roger Anderson (OCD) to remove the material from the location and transport it to the Tierra Landfarm for temporary secure storage pending the initial analysis. It was my opinion that the material stored in a frac tank on location was not secure. The initial TCLP analysis taken of the material at Apache Station was obtained from raw material in the tank prior to tank cleaning operations and subsequent removal. The analysis received after the material was removed from location indicated benzene level's of the material exceeded OCD standards. A TCLP

analysis of the actual waste material presently stored in the frac tank at Tierra is being conducted. Recent field screening with the previously described OVM indicate that BTEX level's are with in parameters. When the TCLP analysis of the actual waste material is received by Tierra they will be forwarded to you and permission requested at that time to spread and treat the material at our landfarm facility.

If you have any qestions or require additional information, please call me.

Sincerely,

Phillip C. Nobis

sident

Chris Hawley GWE D.Foust, OCD Aztec

## NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

#### OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505

January 10, 1996

CERTIFIED MAIL RETURN RECEIPT NO. 2-765-962-537

Mr. Chris Hawley Gary Williams Energy Wynnewood Refining Company P.O. Box 305 Wynnewood, Oklahoma 73098

#### RE: APACHE JUNCTION CRUDE STATION

Dear Mr. Hawley:

The New Mexico Oil Conservation Division (OCD) has reviewed Gary Williams Energy's (GWE) October 4 - October 31, 1995 "VOLUNTARY CLEAN-UP OF CRUDE OIL TRANSFER FACILITY, APACHE STATION SITE" which was submitted to the OCD on November 21, 1995 by their consultant Tierra Environmental Company, Inc. This document contains GWE's report on the investigation and remediation of crude contaminated soils at GWE's Apache Junction Crude Station located in the SE/4 of Sec. 33, T25N, R06W, NMPM, Rio Arriba County, New Mexico.

The investigation/remedial actions appear satisfactory. However, the OCD has the following comments and requests for information regarding the above referenced report:

- 1. The report does not include the benzene, toluene, ethylbenzene and xylene (BTEX) concentrations at the base of the excavation in the LACT unit area or at the 24 foot level of the test hole in the transfer area. Please provide the OCD with this information.
- 2. The report indicates that the tank bottoms from the crude storage tank were tested for RCRA hazardous waste characteristics and then with OCD verbal permission were transported to a frac tank at Tierra's OCD permitted landfarm facility. However, the report does not indicate what was ultimately done with these wastes. Please provide the OCD with the ultimate disposition of these wastes.

Mr. Chris Hawley January 10, 1996 Page 2

Submission of the above requested information will allow the OCD to complete a review of the above referenced report.

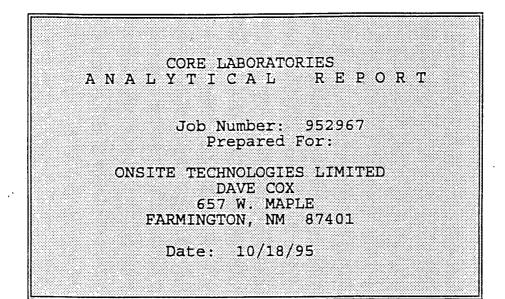
If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson Hydrogeologist Environmental Bureau

xc: Denny Foust, OCD Aztec Office Phillip C. Nobis, Tierra Environmental Corporation





udy (m) Signature

10/24/95 Date:

Name: Judy Orr

Title: QA/QC Coordinator

CORE LABORATORIES 1733 NORTH PADRE ISLAND DRIVE CORPUS CHRISTI, TX 78408



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#### LABORATORY TESTS RESULTS 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

CLIENT I.D.....: 4-1247 DATE SAMPLED.....: 10/04/95 TIME SAMPLED.....: 13:00 WORK DESCRIPTION...: TANK BOTTOM SLUDGE 8482-3523 

TEST DESCRIPTION	FINAL RESULT	LINITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECH
TCLP Semivolatiles ;		*5		EPA SW-846 8270	10/18/95	GEF
1,4-Dichlorobenzene	<50	50	ug/L	EPA SW-846 8270		•
2,4-Dinitrotoluene	<50	50	ug/L	EPA SW-846 8270		
Hexachlorobenzene	<50	50	ug/L	EPA SW-846 8270		
Hexachlorobutadiene	<50	50	ug/L	EPA SW-846 8270		
Hexachloroethane	<50	50	ug/L	EPA SW-846 8270		
Nitrobenzene	<50	50	ug/L	EPA SW-846 8270		
Pentachlorophenol	<250	250	ug/L	EPA SW-846 8270		
2,4,5-Trichlorophenol	<50	50	ug/L	EPA SW-846 8270		
2,4,6-Trichlorophenol	<50	50	ug/L	EPA SW-846 8270		
Pyridine	<50	50	ug/L	EPA SW-846 8270	}	
p,m-Cresol	89	50	ug/L	EPA SW-846 8270		
	· · ·	50	ug/L	EPA SW-846 8270		
o-Cresol	94					
2-Fluorophenol (Surrogate)	60	0	% Recovery	21-83% QC LIMITS		
Phenol-d6 (Surrogate)	81	0	% Recovery	24-94% QC LIMITS		
Nitrobenzene-d5 (Surrogate)	75	0	% Recovery	35-102% QC LIMITS		
2-fluorobiphenyl (Surrogate)	99	0	X Recovery	43-103% QC LIMITS		
2,4,6-Tribromophenol(Surrogate)	79	0	% Recovery	28-111% QC LIMITS		
Terphenyl-d14 (Surrogate)	84	0	X Recovery	43-117% QC LIMITS		
TCLP Volatiles	·	*100	•.	EPA SW-846 8260	10/17/95	QP
Benzene	4600	500	ug/L	EPA SW-846 8260		
Carbon tetrachloride	<500	500	ug/L	EPA SW-846 8260		
Chlorobenzene	<500	500	ug/L	EPA SW-846 8260		
Chloroform	<500	500	ug/L	EPA SW-846 8260		
Methyl ethyl ketone	<5000	5000	ug/L	EPA SW-846 8260		
Trichloroethene	<500	500	ug/L	EPA SW-846 8260		
Vinyl chloride	<400	400	ug/L	EPA SW-846 8260		
1,2-Dichloroethane	<500	500	ug/L	EPA SW-846 8260		
Tetrachloroethene	1600	500	ug/L	EPA SW-846 8260		
1,1-Dichloroethene	<500	500	ug/L	EPA SW-846 8260		
Dibromofluoromethane(Surrogate)	105	0	% Recovery	86-115% QC LIMITS		
Toluene d-8 (Surrogate)	100	0	% Recovery	88-110% QC LIMITS		
4-Bromofluorobenzene(Surrogate)	96	0	% Recovery	86-115% QC LIMITS		
Extraction - TCLP Semivolatiles	Completed			EPA SW-846 3520	10/14/95	WEB
Glass Jar Extraction for Metals	Completed			EPA SW-846 1311	10/11/95	DGP
Glass Jar Extraction-Semivolatiles	Completed			EPA SW-846 1311	10/11/95	DGP
Arsenic (As), extractable TCLP	0.16	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
· .						
			CORPUS	RTH PADRE ISLAND DRIV CHRISTI, TX 78408 89-2673	E	

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#### LABORATORY TESTS RESULTS 10/18/95

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

JOB NUMBER: 952967

LABORATORY I.D...: 952967-0001 DATE RECEIVED....: 10/09/95

REMARKS..... SAMPLED BY: D.N.

ATTN: DAVE COX

TIME RECEIVED....: 10:30

CLIENT I.D...... 4-1247 DATE SAMPLED...... 10/04/95 TIME SAMPLED...... 13:00 WORK DESCRIPTION...: TANK BOTTOM SLUDGE 8482-3523

	Le j					
TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Barium (Ba), extractable :TCLP	2.42	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Cadmium (Cd), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Chromium (Cr), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Lead (Pb), extractable TCLP	0.10	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Selenium (Se), extractable TCLP	0.13	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Silver (Ag), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Flash Point, closed cup	79		Deg. Farenheit	ASTM D-93	10/16/95	285
Cyanide, Reactive	<5	5	mg/kg	EPA SW-846 7.3.3.2	10/11/95	DEH
Corrosivity by pH	6.9	0.1	pH units	EPA SW-846 9045 C	10/17/95	SEB
Sulfide, Reactive	739	50	mg/kg	EPA SW-846 7.3.4.2	10/11/95	DEH
Mercury (Hg), extractable, TCLP	<0.002	0.002	mg/L	EPA SW-846 7470	10/13/95	EBS
Metals Digest on Extracted Sample	Completed			EPA SW-846 3010	10/15.115	,
Zero Headspace Extraction-Volatile	Completed			EPA SW-846 1311	10/11/95	96P I
						i
	l 	1	1733 NO	RTH PADRE ISLAND DRIV	 E	 
			CORPUS	CHRISTI, TX 78408 89-2673	-	

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		<u> </u>	QUA	LITY	ASSURA	NCE R	EPORT			
JOB NUMBER:	. 952967	CUSTOM	ER: ONSITE	TECHNOLOGIES	10/18/95	· · · ·	ATTN: DAVI	E COX		
	ANA	LYSIS		DUPL	ICATES	REFEREN	CE STANDARDS	T	MATRIX SPIKE	S
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or ( A-B )	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT
	Sulfide, Reac .IMIT/DF: 50	tive UNITS:mg/N	kg	DATE/TIME AN METHOD REFEN		11/95 06:30 SW-846 7.3.4	4.2	1		UMBER:99168 CHNICIAN:DE
BLANK STANDARD SPIKE DUPLICATE	MB 101195 LCS MS MD	Di H20 508.18.17 952965-1 952965-1	<50 289 269 <50	<50	NC	300	96	<50	300	90
PARAMETER:C REPORTING L	Cyanide, React INIT/DF:	tive UNITS:mg/k		DATE/TIME AN METHOD REFER				<u>I</u>	gantanan baran mananakar -	UMBER:991699 CHNICIAN:DEI
BLANK STANDARD SPIKE DUPLICATE	MB 101195 LCS PDS MD	Di H20 508.24.7 952965-1 952965-1	<5 1.97 1.63 <5	<5	0	1.93	102	<5	1.88	87
PARAMETER:N REPORTING L	lercury (Hg), .IMIT/DF: 0.00	extractable, D2 UNITS:mg/E		DATE/TIME AN METHOD REFER			_1	J		UMBER:992048 CHNICIAN:EBS
BLANK STANDARD SPIKE DUPLICATE	MB RS MS MD	DiH20 367.49 952967-1 952967-1	<0.002 0.018 0.053 <0.002	<0.002	NC	0.020	90	<0.002	0.050	106
PARAMETER:F REPORTING L	lash Point, c IMIT/DF:		Farenheit	DATE/TIME AN METHOD REFER	IALYZED:10/1 ENCE :ASTN		_1	I		JMBER:992256 CHNICIAN:EBS
STANDARD DUPLICATE	RS MD	p-Xylene 952909-1	80 75	76	1	81	99			
	COFFCSIVITY by INIT/DF: 0.1		nits	DATE/TIME AN METHOD REFER				4		MBER:992271 CHNICIAN:SEB
STANDARD DUPLICATE	LCS 4 MD	386.20.32 952965-1	7.04 7.8	7.9	1	7.00	101		· ·	
PARAMETER:A REPORTING L	rsenic (As), IMIT/DF: 0.05	extractable i UNITS:mg/L		DATE/TIME AN. METHOD REFER					a de la face de la transferie de la companya de la face de la companya de la companya de la companya de la comp	MBER:992294 CHNICIAN:GCC
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV MS MD	3010 3005 a0895 1013C 953024-001 953024-001	<0.05 <0.05 1.00 5.05 0.83 <0.05	<0.05	NC	1.00 5.00	100 101	<0.05	1.00	83
PARAMETER:B REPORTING L	arium (Ba), e IMIT/DF: 0.05	xtractable Ti UNITS:mg/L	een een de laar de de de laar de de laar de	DATE/TIME AN/ NETHOD REFER			-1	L	de la construction de la construcción	1 MBER:992295 HNICIAN:GCC
BLANK	МВ	3010	<0.05			]				
							1733 NORTH CORPUS CHRI (512) 289-2		D DRIVE 8408	



			QUA	LITY A	ASSURA 10/18/95	NCE RE	EPORT				
JOB NUMBER:	952967	CUSTOME	ER: ONSITE T	ECHNOLOGIES	LINITED		ATTN: DAVE	COX			
	ANAI	LYSIS		DUPL	ICATES	REFERENC	REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (  A-B   )	TRUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT	
		extractable Ti 5 UNITS:mg/L		DATE/TIME AN METHOD REFE	NALYZED:10/17 RENCE : SW-8	7/95 12:57 846 6010A				UMBER:992295 Chnician:GCC	
BLANK STANDARD STANDARD SPIKE DUPLICATE	MB ICV CCV BS MD	3005 70895 1013C 952948-000 952991-001	0.12	0.13	0.01	1.00 5.00	100 100	<0.05	1.00	95	
PARAMETER:Ca REPORTING L1	admnium (Cd), IMIT/DF: 0.0'	extractable 5 UNITS:mg/L	TCLP	DATE/TIME AV	WALYZED:10/17 RENCE : SW-E	//95 12:57 846 6010A				UMBER:992296 CHNICIAN:GCC	
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV MS MD	3010 3005 40895 1013C 953024-001 953024-001	<0.05 <0.05 1.03 5.07 0.91 <0.05	<0.05	NC	1.00 5.00	103 101	<0.05	1.00	91	
PARAMETER:CF REPORTING L	iromium (Cr), IMIT/DF: 0.0	, extractable 5 UNITS:mg/L	TCLP	DATE/TIME AN	NALYZED:10/17 RENCE : SW-8	7/95 12:57 846 6010A				UMBER:992297 CHNICIAN:GCC	
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV BS MD	3010 3005 40895 1013C 952948-000 952991-001	<0.05 <0.05 1.04 5.08 0.90 <0.05	<0.05	NC	1.00 5.00	104 102	<0.05	1.00	90	
PARAMETER:LF REPORTING L	eed (Pb), ext IMIT/DF: 0.0	tractable TCL UNITS:mg/L	P	DATE/TIME AN METHOD REFE	NALYZED: 10/17 RENCE : SW-8	7/95 12:57 846 6010A				UABER:992298 CHNICIAN:GCC	
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV MS MD	3010 3005 00895 1013C 952948-000 952991-001	<0.05 <0.05 1.06 5.05 0.90 <0.05	<0.05	. NC	1.00 5.00	106 101	<0.05	1.00	90	
		, extractable S UNITS:mg/L		L DATE/TIME A/ METHOD REFE	ANALYZED:10/17 RENCE : SW-8	7/95 12:57 846 6010A			SSSSS and the second product of	UMBER:992299 CHNICIAN:SCC	
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV MS MD	3010 3005 40895 1013C 953024-001 953024-001	<0.05 <0.05 1.01 5.00 0.81 <0.05	<0.05	NC	1.00 5.00	101 100	<0.05	1.00	81	
	1	 	<u> </u>	<u> </u>	<u> </u>	1	1733 NORTH CORPUS CHR (512) 289-		AND DRIVE 78408	<u> </u>	
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			QUA	LITY .	A S S U R A 10/18/95	NCER	EPORT				
JOB NUMBER:	952967	CUSTOME	R: ONSITE	TECHNOLOGIES	LINITED		ATTN: DAVE	COX			
	······		<b>T</b>		ICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or ( A-B )	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT	
PARAMETER:S REPORTING L	ilver (Ag), IMIT/DF: 0.0	extractable T 5 UNITS:mg/L	CLP	DATE/TIME A METHOD REFE	NALYZED:10/ RENCE : SW	17/95 12:57 846 6010A				UMBER:992300 CHNICIAN:GCO	
BLANK BLANK STANDARD STANDARD SPIKE DUPLICATE	MB MB ICV CCV BS MD	3010 3005 70895 1013C 952948-001 952977-001	<0.05 <0.05 0.95 4.74 0.86 <0.05	<0.05	NC	1.00 5.00	95 95	<0.05	1.00	86	
							1733 NORTH CORPUS CHR (512) 289-	PADRE ISLA NISTI, TX 2673	ND DRIVE 78408		



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JOB NUMBER: 952967 CUSTO	MER: ONSITE TEC	INOLOGIES LIMITE	0	ATTN: DAVE C	DX	
TCLP Volatiles	DATE ANALYZED:	: 10/17/95 TIME	ANALYZED: 16:44	METHOD: EPA SW	-846 8260 Q	C NUMBER:992279
		BLAN	K S			
TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASUR
Vinyl chloride	MB MB	100995 100995	1	<5 <5	5	ug/L ug/L
1,1-Dichloroethene	MB	100995	1	<5 <5	5	ug/L ug/L
Methyl ethyl ketone	MB MB	100995	1	<50 <50	50 50	ug/L ug/L
Chloroform	мв	100995	1	<5 <5 <5	5	ug/L ug/L
Carbon tetrachloride	MB MB	100995 100995 100995	1 .	<5. <5	5	ug/L ug/L
1,2-Dichloroethane	MB MB MB	100995 100995 100995	1	\$ \$ \$	5 5	ug/L ug/L
Benzene	MB	100995 100995 100995	1	<5 <5	5	ug/L ug/L
Trichloroethene	MB MB	100995 100995 100995	1	<5 <5	5	ug/L ug/L
Tetrachloroethene	MB	100995		<5 <5	5	ug/L ug/L
Chlorobenzene	MB	100995 100995 100995	1 · ·	<5 <5	5	ug/L ug/L
		100775		-	-	
				1		
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,		,		1733 NORTH P/ CORPUS CHRIS (512) 289-26	ADRE ISLAND DRIV TI, TX 78408 73	E

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	Q U	ALITY	ASSUR 10/18/9		EPORT			
JOB NUMBER: 952967 CUST	OMER: ONSIT	E TECHNOLOGI	ES LIMITED		ATTN: DA	VE COX		
TCLP Volatiles	DATE ANA	LYZED: 10/17	/95 TIME AN	ALYZED: 16:4	4 METHOD: EP	A SW-846 826	50 QC	NUMBER: 992279
		REFERE	NCE S	TANDAR	DS	1		
TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	TRUE VALUE	PERCENT RECOVERY	DETECTION	UNITS OF MEASURE
Vinyl chloride 1,1-Dichloroethene Methyl ethyl ketone Chloroform Carbon tetrachloride 1,2-Dichloroethane Benzene Trichloroethene Chlorobenzene Dibromofluoromethane(Surrogate) Toluene d-8 (Surrogate) 4-Bromofluorobenzene(Surrogate)		342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1 342.94.1		103 124 112 110 122 129 110 114 119 114 47 51 52	100 100 100 100 100 100 100 100 50 50 50 50	103 124 112 110 122 129 110 114 119 114 94 102 104	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
·		<u> </u>			1777 100	TH PADRE ISL		
						HRISTI, TX	78408	



JOB NUMBER: 952967 CI	USTOMER: C	DNSITE TECHN	OLOGIES LI	AITED		ATTN: DAVE	COX		
TCLP Volatiles	DATE	ANALYZED:	10/17/95 1	TIME ANALYZE	D: 16:44 /	METHOD: EPA S	SW-846 82	.60 QC	NUMBER:992279
			NATRIX	X SPIK	E S				
TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY	DETECTION	UNITS OF MEASURE
Vinyl chloride	MS MSD	952965-1 952965-1	1	930 950	0	1000 1000	93 95	5	ug/L ug/L
1,1-Dichloroethene	MS MSD	952965-1 952965-1	1	1110	0	1000	111	5	ug/L ug/L ug/L
Methyl ethyl ketone	MS MSD	952965-1 952965-1	1	1100	0	1000	110	50	ug/L ug/L
Chloroform	MS MSD	952965-1 952965-1	1	1040 1080	0	1000	104	5	ug/L ug/L
Carbon tetrachloride	MS	952965-1 952965-1	1	1110	0	1000	111	5	ug/L ug/L
1,2-Dichloroethane	MS	952965-1 952965-1	1	1280	0	1000	128 127	5	ug/L ug/L
Benzene	MS ' MSD	952965-1 952965-1	1	970 1000	0	1000 1000	97 100	5	ug/L ug/L
Trichloroethene	MS	952965-1 952965-1	1	990 1000	0	1000 1000	99 100	5	ug/L ug/L
Tetrachloroethene	MS	952965-1 952965-1		950 980	0	1000	95 98	5	ug/L ug/L
Chlorobenzene	MS	952965-1 952965-1		940 960	0	1000 1000	94 96	5	ug/L ug/L
Dibromofluoromethane(Surrogate		100995-00	1	510 520	0	500 500	102 104	5	ug/L ug/L
Toluene d-8 (Surrogate)	MB MB	100995-00		500 500	0.	500 500	100 100	5	ug/L ug/L
4-Bromofluorobenzene(Surrogate		100995-00	1	480 470	0	500 500	96 94	5	ug/L ug/L
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	QUAL	ITY ASSU 10/1		EPORT		
JOB NUMBER: 952967 CUSTO	MER: ONSITE TEC	HNOLOGIES LIHITE	D	ATTN: DAVE C	X	
TCLP SEMIVOLATILES	DATE ANALYZED	: 10/18/95 TIME	ANALYZED: 10:23	METHOD: EPA SW	-846 8270 Q	C NUMBER:992293
		BLAN	K S			
TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASURE
1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Hexachloroethane Nitrobenzene Pentachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol Pyridine Cresols (Total)	MB MB MB MB MB MB MB MB MB MB	101495 101495 101495 101495 101495 101495 101495 101495 101495 101495	1 1 1 1 1 1 1 1 1 1	<10 <10 <10 <10 <10 <10 <50 <10 <10 <10 <30	10 10 10 10 10 50 10 10 10 30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
				1733 NORTH P/ CORPUS CHRIST (512) 289-267	ADRE ISLAND DRIVI FI, TX 78408 73	E

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		QUALI		SURANO 10/18/95	E REP	ORT			
JOB NUMBER: 952967	CUSTOMER: (	WSITE TECHN	OLOGIES LI	ITED		ATTN: DAVE	COX		
TCLP SEMIVOLATILES	DATE	ANALYZED:	10/18/95	TIME ANALYZE	D: 10:23 M	ETHOD: EPA	SW-846 82	70 QC	NUMBER: 992293
			MATRI)	( <u>SPIK</u>	E S				
TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY	DETECTION LIMITS	UNITS OF MEASURE
1,4-Dichlorobenzene 2,4-Dinitrotoluene Hexachlorobenzene Hexachlorobutadiene Nitrobenzene Pentachlorophenol 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol Pyridine Cresols (Total)	BS BS BS BS BS BS BS BS BS	101495-00 101495-00 101495-00 101495-00 101495-00 101495-00 101495-00 101495-00 101495-00 101495-00	1 1 1 1 1 1 1 1 1	180 150 220 180 170 180 470 540 200 190 520		250 250 250 250 250 750 750 250 500 750	72 60 88 72 68 72 63 72 80 38 69	10 10 10 10 10 50 10 10 10 30	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
							- -		
						1733 NORTH CORPUS CHR		.AND ORIVE 78408	



### QUALITY ASSURANCE FOOTER

Cited Methods are obtained from the following documents :

EPA 600/2-79-020, Methods for the Analysis of Water and Wastes, March 1983. USEPA SW-846 3rd. Edition, November 1990 and July 1992 Update, Test Methods for Evaluating Solid Waste. EPA 600/2-78-054, Field and Laboratory Methods Applicable to Overburdens and Minesoils. Federal Register, July 1, 1992 (40 CFR Part 136). Standard Methods for the Examination of Water and Wastewater, 18th Ed. APHA, AWWA, WPCF.

Quality control acceptance criteria are method dependent.

All data reported on sample "as received" unless noted.

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample. NC = Not Calculated due to value at or below detection limit.

NOTE: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical range. The "TIME ANALYZED" in the QA report refers to the start time of the analytical batch which may not reflect the actual time of each analysis. The "DATE ANALYZED" is the actual date of analysis.

The data in this report are within the limits of uncertainty specified in the referenced method unless otherwise indicated.

### SUBCONTRACTED LABORATORY LOCATIONS

For analyses performed by a subcontract laboratory, an "*" and the designated laboratory code is indicated in the "TECHN" column of the laboratory test results report.

Core Laboratories :

Anaheim	*AN	Lake Charles	*LC
Aurora	*AU	Long Beach	*LB
Casper	*CA	Other Laboratories	*XX
Houston	*HP		

QUALITY ASSURANCE REPORT CODES

BLANKS*	REFERENCE STANDARDS	SPIKES AND DUPLICATES					
MB = Method Blank	RS = Reference Standard	MS = Matrix Spike, BS = Blank Spike					
RB = Reagent Blank	CC = Continuing Calib.	SS = Surrogate Spike, MD = Matrix Dup.					
SB = Storage Blank	LCS = Laboratory Control Std.	PDS= Post Digested Spike					
ICB = Initial Calib. Blank	ICV = Initial Calib. Verification	MSD= Matrix Spike Duplicate					
CCB = Continuing Calib. Blank	CCV = Cont. Calib. Verification	PDD= Post Digested Duplicate					

*In the event that several different method blanks are analyzed, the blank type will be designated by the preparation method, i.e., ZHE, TCLP, 3010, 3050, etc.

1733 NORTH PADRE	ISLAND	ORIVE
CORPUS CHRISTI,	TX 784	408
(512) 289-2673		

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**CHAIN OF CUSTODY RECORD** 10/5/95

Date:

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657 W. Maple • P. O. Box 2606 • Farmington NM 87499 LAB: (505) 325-5667 • FAX: (505) 325-6256

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irchase Order No.: 357.3 Job No. 4-1	1247			0	Name	_ <u>D</u> .		pc				Title			<del>.</del>
Name ACCOUNTS PAYADLE					Company UNI" SITE TECH										
Company ON SITE	Dept.			ULT ULT	Mailin	g Addre	ss é	657	- (~	י .	-Ar	LE			
Company ON SITE Address P.O. BOY 2606				REPORT LESULTS T	City, State, Zip FARMINGTON, NM 87401										
- City, State, Zip FARMINGTON, NM	87411			<u>ш</u>	Teleph	none No									-6258
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SAMPLE IDENTIFICATION DA	SAMPLE ATE TIME	MATRIX	PRES.		Ň	)/~~	$\mathcal{F}/\mathcal{N}$	et al	الن م	y v		/.			
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ation of Shipment:				Rush					-						
Ithorized by: (Cflent Signature Must Accompany Request)	Date /p	16/95			~					•		PL RE	EAS FSUL	E F	AX ASAP

· · · · · · · · · · · · · · · · · · ·	
1. RCRA Exempt: Ø Non-Exempt: □ frenk Chauc 2 Verbal Approval Received: Yes⊠ No⊡ By: DENNE POUST	4. Generator
(Submitting this form for oilfield exempt waste is optional) DATE: 06-07-96	meridian
2. Destination	5. Name of Originating Site
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	MCGrath #4 (Swo)
2 Address of Easility Operator	6. Name of Transporter
3. Address of Facility Operator	
420 CR. 3100 AZTEC, NM 87410	rFim
7. Originating Location of Material (Street Address or ULSTR)	8. State
M'Grath # 4 SUD S-34 T-30N, R-12W, SAN JUAN county	NM
9. <u>Check One</u>	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.	pertificate of waste from the Generator; one
<ul> <li>B. All requests for approval to accept non-oilfield exempt wastes will be accompanied b Generator and the New Mexico Environmental Dept or other appropriate government</li> </ul>	
C. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	essary chemical analyses to prove assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only	those consigned for transport.
Projected Date(s) for transportation: 06-10-96	<b>U</b>
BRIEF DESCRIPTION OF THE MATERIAL: Filtration media w/ Hydro carbons (salt water Disposal Facility)	NO RECOVERANCE
	OHL CON. DIV. DIST. 3
Estimated Volume 400 BBL5 year Known Volume (to be entered by the operator	r at end of haul): vd ³
Thereby certify that the information above is true and complete to the best of my knowledge and belief.	и
SIGNATURE TITLE Environmental Spec	DATE 06-07-96
TYPE OR PRINT NAME TODO D. Nobis TELEPH	HONE NO. (505) 334-8894
(This space for State Use)	
APPROVED BY Denny Toust TITLE Geologist	DATE June 19, 1996
APPROVED BY <u>Annie Mouse</u> TITLE	
CONDITIONS OF APPROVAL, IF ANY:	

_'

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## Tierra

## ENVIRONMENTAL CORPORATION

CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924

### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

#### Originating

Site:	(Include Nat	me, Sect	ion, Towi	iship,	Range,	, 1/4,	etc.)	
	McGrath S	WD #4.	Section	34.	Town.	30N,	Range	12W

This material originated:

<u>x</u> In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Filtration of incoming fluids to the McGrath SWD #4 injection well.

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility

SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

I Craig A. Bock representative for Meridian Oil Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local-law, regulation or ordinance.

Signature

Title_Environmental_Representative_

Addres P.O. Box 4289, Farmington NM 87499-4289

Date 12/10/96

A			
· ·		Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499	
afety and nvironmental	1.	Waste Location: Lease/Well No. McGrath SWD #4 Sec. 34, Town. 30N, Range 12W	
	2.	Volume:Cubic YardsBarrelsGallon	S
	3.	Description of Waste: <u>Filtered solids and oil mixed with soil</u>	, •
	4.	Method of Waste Generation: Filtration on incoming fluids to	•
		the McGrath SWD #4 well.	
	5.	Disposal Facility: Trerra	-
	6.	Disposal Cost:	-
	7.	This waste material complies with the definition of exempt waste as listed if 40 CFR 261.4. Approval for Disposal	•
vIOI Representative		Transportation Company:	•
		Date(s) Transported: MOI Representative on SiteDateDate	
Disposal Facility		Date(s) Received:	•
Complete and eturn to Aeridian		Total Volume Received:	•
Aeridian Safety and Environmental		Waste Location : Cell/Grid No	
/ith invoice.		Received By :	•

•

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1. RCRA Exempt: ☑ Non-Exempt: □     Verbal.Approval Received: Yes⊠ No□ By: DENNY FOUST     (Submitting this form for oilfield exempt waste is optional) DATE: 06-17-96	4. Generator IEI PASO Field Services	
2. Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Name of Originating Site	
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Name of Transporter	
7. Originating Location of Material (Street Address or ULSTR)	8. State	
LAteral SA-2 Sec-1, T-29N, R-14W SAN JUAN COUNTY.	~~~	
LATERAL SA-3       Sec-1       T 39N, R-14W       SAN Junct county.       Mm         9. Check One <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate or approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency, two certificates per job.       □       C. All requests for approval to accept non-exempt wastes must be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency, two certificates per job.       □       C. All requests for approval to accept non-exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency. Wo certificates per job.         □       C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.         All transporters must certify that the wastes delivered are only those consigned for transport.       Projected Date(s) for transportation: <u>0 6 - 18 - 9 (</u>         BRIEF DESCRIPTION OF THE MATERIAL:       Sudge From the Bottom of 100 BBL Dr. /         TANK       W/ No       Recourse Ble My dro canBons         ØIN 1 8 1996       JUN 1 8 1996</li></ul>		
Estimated Volume 3 8845 year Known Volume (to be entered by the operator	ratend of haul): vd ³	
hereby certify that the information above is true and complete to the best of my knowledge and belief.	······································	
SIGNATURE     Model     TITLE     Environmental     Specialist     DATE     OG-13.52       TYPE OR PRINT NAME     ToJU     D.     Nob: 5     TELEPHONE NO.     (505) 334-8894		
(This space for State Use)	IONE NO	
APPROVED BY DENNY FOUST TITLE Geologist	DATE <u>June 19, 19%</u>	
APPROVED BY Fried Dereco TITLE 4	DATE	
CONDITIONS OF APPROVAL, IF ANY:		

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5053347598

TIERRA



CORPORATE OFFICE 12205 E. Skelley Drive Tulsa, OK 74128 918-437-6200

OPERATIONS OFFICE 909 W. Apache Farmington, NM 87401 505-325-0924

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating Site: (Include Name, Section, Township, Range, 1/4, etc.) <u>LATERAL SA-2</u> 100 BEL DRIP TRAKE (SEC 1 T 23N R.14W)

ENVIRONMENTAL CORPORATION

This material originated:

X In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

SOURCE: SLUDGE FROM BOTTOM OF DRIP TANK WHICH CALECTS

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

SANDRY D. MILLER

representative for EL PASO FIELD SERVICES

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal. State or Local law, regulation or ordinance.

Signature Smarl N Title SUPERINTENDENT, OPERATIONS COMPUNNCE Addres PO Box 4990 FARMINGTON, NM 8799 Date 6/13/96

District I(505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Conginated 4/18/95 Department Submit Original Plus 1 Copy to appropriate District Office			
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9600			
1. RCRA Exempt: X Non-Exempt: DATE: 06、06、96	4. Generator			
Verbal Approval Received: (Yes) No By: D. Foust	Mendian			
2. Management Facility Destination	5. Originating Site			
Tierra Environmental CO. ENC	MCGruth SWD #4			
3. Address of Facility Operator	6. Transporter			
#420 CR 3100 192tec Nm 82410	CFÉM			
7. Location of Material (Street Address or ULSTR)	8. State			
MCGrath SWO #4 Sec 34 T-30N, R-12W SAN JUAN camp	Nm			
9 <u>Check One</u>	n			
<ul> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.</li> <li>All transporters must certify that the wastes delivered are only those consigned for transport.</li> </ul>				
BRIEF DESCRIPTION OF THE MATERIAL: Filtered solids and oil	RECENTED JUN 1 8 1996			
Estimated Volume 460 BBL5 yes Known Volume (to be entered by the opera	CCL GON. DIV. DEST. 3 tor at end of haul):yd ³			
SIGNATURE TITLE Environmental SP	ecte 1:3 + DATE 06-13-96			
	IONE NO. (505) 334-8894			
(This space for State Use) APPROVED BY Dury TOUT TITLE Geolog IST APPROVED BY Ann Buck TITLE	DATE <u>June 19, 1996</u> DATE			

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## Tierra

## ENVIRONMENTAL CORPORATION

CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924 334-9894 Fax 334-9024

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

#### Originating

Site:	(Include N	ame,	Section	, Towi	iship,	Range	, 1/4,	etc.)	
	McGrath	SWD	#4, Se	ction	34,	Town.	30N,	Range	12W

This material originated:

x In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Filtration of incoming fluids to the McGrath SWD #4 injection well.

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

I Craig A. Bock representative for Meridian Oil Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance.

Signature_

Title Environmental Representative

Addres P.O. Box 4289, Farmington NM 87499-4289

1. 1 10 /ah Date

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and Environmental	1. 2.	Waste Location:       Lease/Well No.       McGrath SWD #4         Sec. 34, Town. 30N, Range 12W         Volume:
	3.	Description of Waste: <u>Filtered solids and oil mixed with soil</u>
	4.	Method of Waste Generation: Filtration on incoming fluids to
	5.	Disposal Facility: Environmental
	6.	Disposal Cost:
	7.	This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4. Approval for Disposal Date Date Date
MOI Representative		Transportation Company:
		MOI Representative on SiteDateDate
Disposal Facility		Date(s) Received:
return to Meridian		Total Volume Received:
Safety and Environmental		Waste Location : Cell/Grid No
with invoice.		Received By :

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1. RCRA Exempt: INon-Exempt: I Verbal Approval Received: Yes No I By: DENNY FOUST	4. Generator			
(Submitting this form for oilfield exempt waste is optional) <b>DATE:</b> $OG - OY - SG$	RED WILLOW PROSUCTION CO			
2. Destination	5. Name of Originating Site			
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	Southern Ute WAlker 5-10 WOW			
2 Address of Escility Operator	6. Name of Transporter			
3. Address of Facility Operator				
420 CR. 3100 AZTEC, NM 87410	Eim Trucking			
7. Originating Location of Material (Street Address or ULSTR)	8. State			
Sec 10 - T3ZN- RILW	<i>CO.</i>			
	· · ·			
9. <u>Check One</u>				
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.</li> </ul>	pertificate of waste from the Generator; one			
B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by				
Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job. C. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove				
the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.				
All transporters must certify that the wastes delivered are only	those consigned for transport.			
Projected Date(s) for transportation: 6-5 - 6-6-94				
BRIEF DESCRIPTION OF THE MATERIAL: ARODUCED WATER AND DARAFFIN MILED with				
	Milton With			
SOIL teom A water i	njection holding tonk.			
PE PE	Ceiwer			
	5 1 4 1990 E			
	CON. DIV.			
Estimated Volume $70$ yd $\frac{3}{2}$ Known Volume (to be entered by the operator				
I hereby certify that the information above is true and complete to the best of my knowledge and belief.				
SIGNATURE Bai ulli TITLE Environmental Speci	Alist DATE 6-4-96			
TYPE OR PRINT NAME RIAM Williams TELEPHONE NO. (505) 334-8894				
(This space for State Use)				
APPROVED BY Demy 2. tour TITLE Geologist	DATE <u>6/17/96</u>			
APPROVED BY Anie Burgh TITLE	DATE`,			
CONDITIONS OF APPROVAL, IF ANY:				

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

## PHONE (505) 334-8894 FAX (505) 334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-10 T-32NR-1110 1/4: 1/4 County LA Plana State Co. Physical Address if appropriate: N/A-

Source and description of waste:

Soil containing with produces water and papate. from Holding tonk at water Disposar

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I	ROBERT	JEFFERSON.		represent	ative
for	RED	WILLOW FROT	DUCTION	<i>C</i> 0	

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is X Exempt

Non-Exempt and that it has been identified as non-bazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

 $\underline{\checkmark}$  I finither certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Marin Printed Name NT - VEFFERSON OPERATIONS MANAGER Title Date MMQ 401001

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505)-334-8894 FAX (505)334-9024

#### CERTIFICATE FROM OUT OF STATE AGENCY

AUTHORIZING REMOVAL OF RCRA EXEMPT OILFIELD WASTE

TO THE TIERRA CROUCH MESA LANDFARM LOCATED

IN SAN JUAN COUNTY, NEW MEXICO

Location: WAIKER STR WAY SEC 10 - 7 32N - RILY

by; Generator: <u>Ross Willow Rector Company</u> As a representative of; Regulatory Agency <u>Rurrow of Land Management</u>

I have no objection to the material being moved from our jurisdiction to the Tierra Crouch Mesa Landfarm located at 420 County Road 3100, San Juan County, New Mexico.

Name: Terry Stalloway Title	Acting Stoff Ching Retroleum Engineering Tech.
	Date: 4 from T Ge
Phone: 970 - 297 - 4874 6 Fax: 970 - 385	-/375

	,			
Insurict I (5005) 333-0101P.G. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II (505) 748-1283Oil Conservation Division811 S. First2040 South Pacheco StreetArtesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Department Submit Original Plus 1 Copy to appropriate District Office			
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007			
1. RCRA Exempt: Non-Exempt: DATE: 5-17-96	4. Generator			
Verbal Approval Received: Yes No By: DEWNY Foust	REA WILLOW PRODUCTION CO.			
2. Management Facility Destination	5. Originating Site			
TIEREA Environmente Co. Inc. CROUCH MESA Land FARM	4-1 WWD			
3. Address of Facility Operator	6. Transporter			
420 CR 3100 Aztec, N.M. 82410	HOCKER CONSTRUCTION			
7. Location of Material (Street Address or ULSTR)	8. State			
5-1, T-33N, R-10W	COLORADO			
9 Check One	•			
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.	pertificate of waste from the Generator; one			
B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.				
All transporters must certify that the wastes delivered are only those consigned for transport.				
BRIEF DESCRIPTION OF THE MATERIAL: produced water AWA para thin mister with soil DEGENVED MAY 3 0 1996 OIL GOND DIVS yd ³ Known Volume (to be entered by the operator at end of half D2 yd ³				
SIGNATURE Dai WOR TITLE Environmentor Speci	Alist DATE 5-17-96			
	HONE NO			
(This space for State Use) APPROVED BY Jemy & Paul TITLE Geologis T APPROVED BY Juce Buch TITLE	DATE <u>57/31/96</u> DATE			

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>1</u> T-<u>33</u>NR-<u>b</u>w1/4 <u>1/4</u> County <u>La Plata</u> State <u>Cdo</u> Physical Address if appropriate: <u>N/A</u>

Source and description of waste:

OVER flow of PRODUCTED WATER AND PARTHER FROM holding TANK At Disposal WELL

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I ROBERT JEFFERGON representative for <u>RED WILLOW PRODUCTION CO.</u>

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do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is  $\underline{\swarrow}$  Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

_RCRA TCLP Analysis

____RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since

Signature 1000 philosoc Printed Name ROBERT JEFEERCON Title OPERATIONS MANAGER Date MAY 139 1996

DECEIVEL MAY 3 0 1996

OHL CON. DIV.

District 1 (505) 535-0101P.O. Box 1540New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II (505) 748-1283Oil Conservation Division811 S. FirstArtesia, NM 882102040 South Pacheco Street	Department			
Artesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 87505	Submit Original			
1000 Rio Brazos Road         (505) 827-7131	Plus 1 Copy to appropriate			
<u>District IV</u> (505) 827-7131	District Office			
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 9602   96002			
1. RCRA Exempt: Non-Exempt: DATE: 05-10-96	4. Generator			
Verbal Approval Received: (res No By: D. Fourst	fuelco			
2. Management Facility Destination	5. Originating Site			
Tierra Environmental CO. Enc. LANdFarm	CLARK 4-1			
3. Address of Facility Operator	6. Transporter			
# 420 CR 3100 Aztec Nm 87410	DAWN TRUCKin,			
7. Location of Material (Street Address or ULSTR)	8. State			
S-4, T-33N, R-11W, NE1/4, SE1/4 LAPLATA CO.	stat (a			
9 Check One				
	partificate of waste from the Constater, and			
(A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.				
B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.				
All transporters must certify that the wastes delivered are only the	ose consigned for transport.			
BRIEF DESCRIPTION OF THE MATERIAL: production TANK Bot	fom solids,			
	DECEIVED MAY 1 4 1996			
	ON. CON. DIV. DIST. 3			
Estimated Volume <u>/</u> Oyd ³ /Known Volume (to be entered by the operative operation)				
SIGNATURE	Special'St DATE _05-10-86			
TYPE OR PRINT NAME	HONE NO (505) 334-8894			
(This space for State Use) APPROVED BY 1 emp 3 Jan TITLE GeologIST	DATE <u>5717/96</u>			
APPROVED BY Frie Burch TITLE	DATE			

From : FUELCO

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PHONE No. : 247 5993

+05-10/98	08:28

**25**05 334 9024

TIERRA ENVIRON

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# TIERRA ENVIRONMENTAL COMPANY Inc.

## 420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410

Date 5-10-96



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

	PHONE (505) 334-8894 FAX (505)334-9024
	"CERTIFICATE OF WASTE STATUS"
	Originating Site: S- <u>4</u> T- <u>33NR-1/1/1/4 WE</u> 1/4 <u>SE</u> County <u>La Plata</u> State <u>CO</u> Physical Address if appropriate: <u>CIACIL 4-1</u>
-	Source and description of waste: Source and description of waste: Source and description of waste: Source and description of waste: Source and description of waste:
	Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M. 1 Russell Knight representative
•	1_ Russell Knightrepresentative for Fire Descurses Development Co
	do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is Exempt Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.
	The required documentation is hereto attached:
)	Check appropriate line(s):
AIN	MSDS Information sheet       •         RCRA TCLP Analysis       •         RCRA Metals Analysis       •         Corrosivity, Ignitability, Reactivity       •         I further certify that there has been no change in process employed or chemicals
``	stored / used at the facility generating the waste since
	Signature <u>Thursell Knight</u> Printed Name <u>Russell Knight</u> Title <u>Confract Feeld Supervisor</u>

U.

May 10, 1996

Todd Nobis Tierra Environmental Company Inc. 420 CR 3100 Aztec, NM 87410

Re: State Notification of Transportation of Waste From the Clarke #4-1, NE SE Section 4, Township 33 N, Range 11 W, La Plata County, Colorado.

Dear Mr. Nobis:

Thank you for notifying the Colorado Oil and Gas Conservation Commission (COGCC) of the transportation of waste from the above referenced well site to your facility in New Mexico. Certification may be required by the State of New Mexico Oil Conservation Division (NMOCD) from your company, the transporter or the generator. Transport of this waste may be subject to other state and federal laws.

Sincerely, ms an

Loren E. Avis Environmetal Protection Specialist COGCC



DL. .. ATMENT OF NATURAL RESOURCES Roy Romer, Governor 1120 Lincoln St., Suite 801 Denver, CO 80203 Phone: (303) 894-2100 FAX: (303) 894-2109

OIL CON. DIV. DIST. 3

.. .....

nya kananga menangkan perintahan kenangkan dari kanangan di dari bertangan perintahan kenang menangkan bertang

May 10, 1996

Todd Nobis Tierra Environmental Company Inc. 420 CR 3100 Aztec, NM 87410

Re: State Notification of Transportation of Waste From the Clarke #4-1, NE SE Section 4, Township 33 North, Range 11 West, La Plata County, Colorado.

Dear Mr. Nobis:

Thank you for notifying the Colorado Oil and Gas Conservation Commission (COGCC) of the transportation of waste from the above referenced well site to your facility in New Mexico. Certification may be required by the State of New Mexico Oil Conservation Division (NMOCD) from your company, the transporter or the generator. Transport of this waste may be subject to other state and Federal laws.

Sincerely, Loran E. Uto

Loren E. Avis Environmetal Protection Specialist COGCC

cc Frank Chavez NMOCD

DEPARTMENT OF NATURAL RESOURCES: James S. Lochhead, Executive Director

COGCC COMMISSION: Caroline Blackwell• Allan Heinle• Bruce Johnson• Logan MacMillian• Mike Matheson• Claudia Rebne• Marla Williams COGCC STAFF: Richard T. Griebling, Director• Brian J. Macke, Deputy Director• Morris Bell, Manager of Engineering Patricia C. Beaver, Manager, Environmental & Commission Affairs• Marnan Peacock, Manager of Information

1. RCRA Exempt: Verbal Approval Received: Yes No By: DENATIONST	Generator
(Submitting this form for oilfield exempt waste is optional) <b>DATE:</b>	5. Name of Originating Site
2. Destination	S. Name of Originating Site
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	McGenth #4
3. Address of Facility Operator	6. Name of Transporter
420 CR. 3100 AZTEC, NM 87410	CFÌM
7. Originating Location of Material (Street Address or ULSTR)	8. State
5-34, T-30N R-12W	NEW MEXICO
9. <u>Check Øne</u>	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.	certificate of waste from the Generator, one
B. All requests for approval to accept non-oilfield exempt wastes will be accompanied b Generator and the New Mexico Environmental Dept or other appropriate government	
<ul> <li>C. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved.</li> </ul>	essary chemical analyses to prove
All transporters must certify that the wastes delivered are only	those consigned for transport.
Projected Date(s) for transportation: April 22, 1996	
BRIEF DESCRIPTION OF THE MATERIAL:	oted in mud pits from
	the in mos pits them
SALT WATER DISPOSAL	APR 2 6 1996
	OIL COM. DIV.
Estimated Volume yd ³ Known Volume (to be entered by the operato	r at end of haul):yd ³
Thereby certify that the information above is true and complete to the best of my knowledge and belief.	
SIGNATURE Real Willing TITLE Environmental Spece	
	HONE NO. <u>(505) 334-8894</u>
(This space for State Use) APPROVED BY Demy B. Form TITLE Geolog15T	DATE <u>4/26/96</u>
APPROVED BY Since Buch TITLE	DATE <u>4/30/96</u>
CONDITIONS OF APPROVAL, IF ANY:	1 /

,

### 420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



## P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

#### PHONE (505) 334-8894 FAX (505)334-9024

#### "CERTIFICATE OF WASTE STATUS"

Originating Site: S-34 T-30 R-12w 1/4 1/4 County State Nm Physical Address if appropriate: _____

Source and description of waste:

Maste is separated oily studges from incoming fluids. All fluids being injected & McGrath SWD#4 are exempt.

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I CRAEG Pox representative for recidious Oil Inc.

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is  $\underline{\phantom{aaaa}}$  Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

____MSDS Information sheet

____RCRA TCLP Analysis

RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_____.

Signature Printed Name_ CRATG A. Bock. Title______ Karry Color Representative Date /22/96



CIL CON. DIV DIST, 2 125

	Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499
Safety and Environmental	1. Waste Location: Lease/Well No. <u>McGrath SwD #4</u>
	2. Volume:Cubic YardsBarrelsGallons 3. Description of Waste:Separated Studges from incouning fluids.
	<ul> <li>4. Method of Waste Generation: <u>Solids &amp; oils are separated</u></li> <li><u>from incoming fluids &amp; stored in this tank</u></li> <li>5. Disposal Facility: <u>ierra</u></li> <li>6. Disposal Cost: <u>i6 /g BBL</u></li> <li>7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.</li> <li>Approval for Disposal <u>in Aback</u> Date <u>1/22/96</u></li> </ul>
MOI Representative	Transportation Company: Date(s) Transported: MOI Representative on SiteDate
Disposal Facility Complete and return to Meridian Safety and Environmental with invoice.	Date(s) Received: <u>April 22,1996</u> Total Volume Received: <u>560 BBLs</u> Waste Location : Cell/Grid No. <u>Tiezen Camperan Frechty Ceru#2</u> Received By : <u>Received By : Received By : </u>

.

Insure: F       (505) 355-0101         •P.O. Box 1940       Hobbs, NM 88241-1980         District II       (505) 748-1283         811 S. First       Artesia, NM 88210         District III       (505) 334-6178         1000 Rio Brazos Road       Aztec, NM 87410         District IV       (505) 827-7131	New Mexico Energy Minerals and Natural Resources I Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	<b>Department</b> Submit Original Plus 1 Copy to appropriate District Office
	REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. (RCRA Exempt:)	Non-Exempt: DATE: 04-30-96	4. Generator
Verbal Approval Rec	eived: Yes No By: D. Foust	BAYless.
2. Management Facil		5. Originating Site
Tierra Envir	enmental (O. INC LANDFARM	North Riche # 2
3. Address of Facility		6. Transporter
	100 Altec NM	SCAT
	al (Street Address or ULSTR)	8. State
5.3 T-29 6	2-13 1/4 SU 14 NW SAN JUAN.	Nm
9. <u>Check One</u>		
X A. All requests f certificate per	or approval to accept oilfield exempt wastes will be accompanied by a distance	certificate of waste from the Generator; one
the material is will be approv	or approval to accept non-exempt wastes must be accomanied by neces non-hazardous and the Generator's certification of origin. No waste c ed. Certify that the wastes delivered are only th	lassified as hazardous by listing or testing
BRIEF DESCRIPTION OF	THE MATERIAL: 2 BBLS of Free (solid)	SAND From well Blower
	(561.02)	DECENVED MAY = 3 1996
		OIL CON. DIV. DIST. 3
Estimated Volume 2 B	3LS yes Known Volume (to be entered by the operation $S$	
SIGNATURE	D.M - TITLE Environmental	Specialist DATE _ 04-30-8 (
TYPE OR PRINT NAME	Told D. Nobis (Tierry) TELEPH	•
(This space for State Use)	y g. Tourt TITLE GeologIST 2 BundTITLE	DATE <u>5/6/96</u> DATE

ALA

505 TIERRA ENVIRON

#### **2**001

P.01

## TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



PHONE (505) 334-8894 FAX (505)334-9024

P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

"CERTIFICATE OF WASTE STATUS" Originating Site: S-3 T-29 R-13 1/4 Sw 1/4 Mar County SAN JUAN State NEW MEXICO Physical Address if appropriate: NORTHEIDGE 42 GAS WELL. Source and description of waste: WRTER TANK BOTTOM ASSOCIATED FRAC SAND FROM TITH A GAS WELL, Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M. representative for BAYLESS オカナ do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is  $\underline{V}$ Exempt Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required. The required documentation is hereto attached: Post-It" brand fax transmittal memo 7671 #of pages + Check appropriate line(s): Depl MSDS Information sheet ma# 326-6911 **RCRA TCLP Analysis RCRA Metals Analysis** Corrosivity, Ignitability, Reactivity I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since Signature Printed Name Title ENG, NEER Date

2001

District IV(505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos Road(505) 827-7131District IV(505) 827-7131	5 Department Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT S	OLID WASTE 96007
1. RCRA Exempt: Non-Exempt: DATE: 05.02.96	4. Generator
Verbal Approval Received: Yes No By: 0. Foust	BASIA DISPOSAL
2. Management Facility Destination	5. Originating Site
Tierry Environmental CO. ENC LANDFAIM 400 CR 3100	#6 CR 5046
3. Address of Facility Operator	6. Transporter
# 420 CR 3100	cfim
7. Location of Material (Street Address or ULSTR)	8. State
#6 CR 5046 BloomField S-3 T-29N. AllW SAN JUAN	NM
9. <u>Check One</u>	
All requests for approval to accept oilfield exempt wastes will be accompanied by certificate per job.	a certificate of waste from the Generator; one
B. All requests for approval to accept non-exempt wastes must be accomanied by no the material is non-hazardous and the Generator's certification of origin. No waste will be approved.	ecessary chemical analyses to prove e classified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only	those consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	eeffer die tee transmissionen ander als
Solids from woste water Enjection process	pr-mixed w/ clean
So: 1.	DECENVED
	MAY - 3 1996
	ONL CON. DIV. DIST. 3
Estimated Volume <u>400</u> yd ³ Known Volume (to be entered by the ope	erator at end of haul):yd ³
SIGNATURE TITLE TITLE SPECIAL	
TYPE OR PRINT NAME Todd O. Nobis TELE	PHONE NO (505) 334-8894

			الالف مستعملته ونصور ببعد ونصحون مسيود الأنور
(This space for State Lise)			
(IIIIa opace for otale obe)	_		
Non		- 7	~~! <i>.</i> ] ~ .
PPROVED BY A things	10 for TITLE (Yeo 10 9 1	57 (	DATE <u>5/6/96</u>
$\mathcal{O}/\langle \cdot \rangle$	61		_/ /
PPROVED BY	/ う。 。 。 // TITI F		DATE

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024 "CERTIFICATE OF WASTE STATUS"

-Originating Site: S- 3 T-29N R-11W 1/4 1/4 County SAN JUAN State N m Physical Address if appropriate: unit ErF #6 CR 5046 BINFIU NM

Source and description of waste:

Solids premixed with clean soil From Waste water Injection process

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I Dow Lee_____representative for BAS ~ D: SposAL 

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is *V* Exempt

_____

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

NIA

MSDS Information sheet

RCRA TCLP Analysis

**RCRA** Metals Analysis

Corrosivity, Ignitability, Reactivity I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since

Signature Non Jul Printed Name DONLEE Title Manager Date 5-2-196

DECEIVER MAY - 3 1996 OUL CONL. DUV.

		· · · · · · · · · · · · · · · · · · ·
P.O. Box 1940 Hobbs, NM 88241-1980	New Mexico nergy Minerals and Natural Resources	Department
<u>District II</u> (505) 748-1283 811 S. First	Oil Conservation Division	•
Artesia, NMi 88210 <u>District III</u> (505) 334-6178	2040 South Pacheco Street	Submit Original
1000 Rio Brazos Road	Santa Fe, New Mexico 87505	Plus 1 Copy to appropriate
Aztec, NM 87410 <u>District IV (505)</u> 827-7131	(505) 827-7131	District Office
R	EQUEST FOR APPROVAL TO ACCEPT SO	OLID WASTE 96019 96007
1. RCRA Exempt:	Non-Exempt: DATE: 05-06-96	4. Generator
Verbal Approval Receiv	red: (Yes) No By: D. foust	Sunco
2. Management Facility	Destination	5. Originating Site
Tierra environn	central CO. ENC LANDFARM	Sunco Disposal
3. Address of Facility O	perator	6. Transporter
#420 CR 3100	Aztec NM.	Sunco
7. Location of Material	(Street Address or ULSTR) SAN JUAN	8. State
345 Rd 3500	S.2, T.29N, RIZ.W, 145W, 14NW	NM
9. Check One		<u> </u>
· · ·	pproval to accept oilfield exempt wastes will be accompanied by a	cartificate of waste from the Generator: one
certificate per job		centricate of waste norm the Generator, one
<ul> <li>B. All requests for a the material is no will be approved.</li> </ul>	pproval to accept non-exempt wastes must be accomanied by neo n-hazardous and the Generator's certification of origin. No waste	cessary chemical analyses to prove classified as hazardous by listing or testing
All transporters must c	ertify that the wastes delivered are only t	hose consigned for transport.
BRIEF DESCRIPTION OF TH	HE MATERIAL: J: ment From D: sposal Pond	урудаалдагдаас тилскасай бойно, искончал не со сонос сону .
pono stable, se		BRADMER
		Received.
		May - 7 1996
		OIL CON. DIV.
		DIST. 3
Estimated Volume <u>しつつ</u>	yd ³ Known Volume (to be entered by the oper	rator at end of haul):yd ³
SIGNATURE		Pecie 1:31. DATE 05:06-56
TYPE OR PRINT NAME	1000 D. Nobis TELEP	HONE NO
(This space for State Use)		
	BIT Cast ant	
APPROVED BY 1. em	3. tem TITLE Geologist	DATE <u>5/8/96</u>
APPROVED BY	<u>Surel</u> TITLE	DATE

**420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410** 

s//t



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87401-5250

PHONE (505) 334-8894 FAX (505)334-9024

"CERTIFICATE OF WASTE STATUS"

12-10 -12

Originating Site: S-2 T-29-NR- 2 1/4 SW /4 NW County SAUJUAN State NSIM. Physical Address if appropriate: SUNCO DISPOSAL CROUCH MESA

Source and description of waste:

FOND SLUDGE, SEDIMENT FROM POND WATER

Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.

I MICHAEL TALOUICH representative SUNCO DISPOSAL for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is X Exempt

Non-Exempt and that it has been identified as non-hazardous by characteristic analysis or by product identification as required.

The required documentation is hereto attached:

Check appropriate line(s):

MSDS Information sheet

**RCRA TCLP** Analysis

**RCRA** Metals Analysis

Corrosivity, Ignitability, Reactivity

I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since_

Signature Manhael Printed Name MICHAEL TALOVICH Title DISDOSAL MANAGER Date 5-6-96

* ··· •	
District I (505) 393-6161 P.O. Box 1940 Hobbs, NM 88241-1980 District II (505) 748-1283 District II (505) 748-1283	Form C-138 Originated 4/18/95
District II(505) 748-1283Oil Conservation Division811 S. First2040 South Pacheco StreetArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Submit Original Plus 1 Copy to appropriate District Office
<u>District IV</u> (505) 827-7131	and the second
REQUEST FOR APPROVAL TO ACCEPT SO	OLID WASTE 96007
1. RCRA Exempt: Mon-Exempt: DATE: 02/16/96	4. Generator
Verbal Approval Received: Yes 🖬 No 🗖 By: DENNY FOUST	EL PASO FIELD SERVICES
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site LAT 11A-6
3. Address of Facility Operator	6. Transporter
420 CR. 3100 AZTEC, NM 87410	EL PASO
7. Location of Material (Street Address or ULSTR)	8. State
NE/NE SEC 14 - T30N - R12W	NEW MEXICO
<ul> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by necetive material is non-hazardous and the Generator's certification of origin. No waster will be approved.</li> <li>All transporters must certify that the wastes delivered are only the second second</li></ul>	classified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL:	
CONTAMINATED SOIL AS RESULT OF A LEAKING VALVE ON END OF BLOW LINE	PECEIVED FEB 2 7 1996 OULL GONIS DINS
Estimated Volume $20 - 30$ yd ³ Known Volume (to be entered by the oper	ator at end of haul):5yd ³
SIGNATURE	DATE
TYPE OR PRINT NAME LARRY F. HUNTER TELEPI	HONE NO 334-8894
This space for State Use) APPROVED BY Denny & Pernt TITLE GCO 10915T	DATE <u>2/23/76</u>

1



CORPORATE OFFICE 12205 E. Skelley Drive Tulsa, OK 74128 918-437-6200

OPERATIONS OFFICE 909 W. Apache Farmington, NM 87401 505-325-0924

# TIERRA

ENVIRONMENTAL CORPORATION

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating Site: (Include Name, Section, Township, Range, 1/4, etc.) <u>Late HA-6</u> <u>DE/DE SEC. 14</u> TR 30 RG 12

This material originated:

_____ In The State of New Mexico

_____ From the State of _____. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Leaking Value ON END-OF-LINE BLOWDEFF

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

I_Kicky D. Cosky representative for FL PASO FIELD SERVICES

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State-or Local law, regulation or ordinance.

Signature Title Compliance Engineering Environmental Sparalist Address PD BOX 4990 FARMINGONN.M. Date 2/16/96

<u>District I</u> (505) 393-6161 P.O. Box 1940 Hobbs, NM 88241-1980 <u>District II</u> (505) 748-1283 811 S. First

District III (505) 334-6178

1000 Rio Brazos Road

Artesia, NM 88210

Aztec, NM 87410

, ....¥

## New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Original Plus 1 Copy to appropriate District Office

<u>District IV</u> (505) 827-7131	
REQUEST FOR APPROVAL TO ACCEPT SC	OLID WASTE 95022
1. RCRA Exempt:       Image: Second Structure         1. RCRA Exempt:       Image: Second Structure </td <td>4. Generator BASIN DISPOSAL</td>	4. Generator BASIN DISPOSAL
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site SAME
3. Address of Facility Operator         420 CR. 3100       AZTEC, NM 87410	6. Transporter C F&M OILFIELD SERVICE
7. Location of Material (Street Address or ULSTR) UNIT E & F SEC 3 - T29N - R11W	8. State NEW MEXICO
<ul> <li>9. <u>Check One</u></li> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste or will be approved.</li> <li>All transporters must certify that the wastes delivered are only the formation of the second second</li></ul>	essary chemical analyses to prove lassified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL:	ngan an shar nan har na mara a na 199 199 201 a kwa amanina walau fanina un ya na sawa ana sa na dana an i
SOLIDS FROM WASTE WATER INJECTION PROCESS PRE-MIXED WITH CLEAN SOIL	DECEIVED MAR 1 5 1996
	OIL CON. DIV. DIST. 3
Estimated Volume <u>300</u> yd ³ Known Volume (to be entered by the operative states of the operative state	ator at end of haul):yd ³
SIGNATURE 7 7 TITLE OPERATIONS MAN TYPE OR PRINT NAME LARRY F. HUNTER TELEPH	NAGER DATE <u>3/15/96</u> HONE NO. (505) 334-8894
(This space for State Use) APPROVED BY <u>Army &amp; Tocal</u> TITLE <u>GEO 109157</u> APPROVED BY <u>Conce Bar TITLE</u>	DATE <u>3//8/96</u> DATE <u>9</u>



CORPORATE and LANDFARM	CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE
OFFICES P.O. Drawer 15250 Farmington, NM 87401	Originating Site: (Include Name, Section, Township, Range, 1/4, etc.)
****	BASIN DISPOSAL
****	UNIT E & F SEC 3 - T29N - R11W
420 CR. 3100	
Aztec, NM 87410 (505) 334-8894 Fax (505) 334-9024	This material originated in:
Tux (500) 004 9004	The State of New Mexico
	□ The State of Letter from Regulatory Agency having jurisdiction therefore is attached.
	Location is on: 🔲 BLM, FOREST 🔲 TRIBAL 🛛 OTHER FEDERAL LANDS
	Description of Material:
	SOLIDS FROM WASTE WATER INJECTION PROCESS PRE-MIXED WITH CLEAN SOIL
	Destination: Tierra Environmental Company Inc. Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico
	Done LEE
	Representative forBASIN DISPOSAL
	do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "Hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance. Signature Date Date Date
	Address AZTEC, NM 87410
	FORM 1669

District 1_(505) 393-6161 Form C-138 New Mexico riginated 4/18/99 P.O. Box 1940 Hobbs, NM 88241-1980 **Energy Minerals and Natural Resources Department** District II (505) 748-1283 **Oil Conservation Division** 811 S. First Artesia, NM 88210 **2010 South Pacheco Street** Submit Original District III (505) 334-6178 Santa Fe, New Mexico 87505 Plus 1 Copy 1000 Rio Brazos Road to appropriate (505) 827-7131 Aztec, NM 87410 **District Office** District IV (505) 827-7131 **REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE** 95022 1. RCRA Exempt: Non-Exempt: D DATE: 1/26/96 4. Generator **BASIN DISPOSAL** Verbal Approval Received: Yes No n Bv: DENNY FOUST 2. Management Facility Destination 5. Originating Site Tierra Environmental Co., Inc. Crouch Mesa Landfarm SAME 3. Address of Facility Operator 6. Transporter 420 CR, 3100 AZTEC, NM 87410 CF&M 7. Location of Material (Street Address or ULSTR) 8. State UNIT E & F SEC 3 - T29N - R11W **NEW MEXICO** Check One A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. BRIEF DESCRIPTION OF THE MATERIAL: SOLIDS FROM WASTE WATER INJECTION PROCESS PRE-MIXED WITH CLEAN SOIL - 2 1996 OIL CON. DIV. DIST, A yd ³ Estimated Volume _ 310 yd ³ Known Volume (to be entered by the operator at end of haul):

SIGNATURE	E OPERATIONS MGR.	DATE
TYPE OR PRINT NAME LARRY F. HUNTE	R TELEPHONE NO	(505) 334-8894
(This space for State Use) APPROVED BY Demysty Deent TITLE	Geologist 1	DATE 2/2/96
APPROVED BY Cruck TITLE	[	DATE 2-5-82



Tierra Environmental

COMPANY Inc.

#### CORPORATE and LANDFARM OFFICES

P.O. Drawer 15250 Farmington, NM 87401

*****

420 CR. 3100 Aztec, NM 87410 (505) 334-8894 Fax (505) 334-9024

<b>BASIN DISP</b>	OSAL
UNIT E & F	SEC 3 - T29N - R11W
This material	
The State	of New Mexico
□ The State Agency ha	of Letter from Regulatory ving jurisdiction therefore is attached.
Location is on	: 🔲 BLM, FOREST 🔲 TRIBAL 📋 OTHER FEDERAL LAN
<b>Description</b> of	Material:
	S FROM WASTE WATER INJECTION ESS PRE-MIXED WITH CLEAN SOIL
Destination:	Tierra Environmental Company Inc. Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico
	Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

**CERTIFICATE OF WASTE STATUS** 

**EXEMPT OILFIELD WASTE** 

District I (505) 393-6161 P.O. Box 1940 Hobbs, NM 88241-1980New Mexico Energy Minerals and Natural Resources I Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 1000 Rio Brazos Road Aztec, NM 87410District IV (505) 827-7131	Department Submit Original Plus 1 Copy io appropriate District Office		
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96005		
1. RCRA Exempt: DATE:	4. Generator		
Verbal Approval Received: Yes 🔲 No 🔲 By: DENNY FOUST	PNM GAS SERVICES		
2. Management Facility Destination	5. Originating Site		
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	COZZENS B1		
3. Address of Facility Operator	6. Transporter		
420 CR. 3100 AZTEC, NM 87410	DIAMOND D CONST.		
7. Location of Material (Street Address or ULSTR)	8. State		
SEC 19 - T29N - R11W (1600 S - 990 W)	NEW MEXICO		
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.</li> <li>All transporters must certify that the wastes delivered are only th</li> </ul>	ssary chemical analyses to prove assified as hazardous by listing or testing		
BRIEF DESCRIPTION OF THE MATERIAL: CONTAMINATED DEHYDRATOR PIT SOILS	<b>ECEIVED</b> <b>FEB - 2 1996</b> <b>IL CON. DIV.</b> <b>DIST. 3</b> tor at end of haul):yd ³		
SIGNATURE TITLE OPERATIONS MG TYPE OR PRINT NAME LARRY F. HUNTER TELEPH	<b>R.</b> DATE <u>1/31/96</u> ONE NO. (505) 334-8894		
(This space for State Use) APPROVED BY A employ Joint TITLE <u>Geologist</u> APPROVED BY <u>Envir</u> Burgh TITLE <u>U</u>	DATE 2/2/96 DATE 2.5-56		



CORPORATE OFFICE

P.O. Drawer 15250

Farmington, NM 87401 (505) 325-0924

# TIERRA ENVIRONMENTAL CORPORATION

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating Sites (Include Name, Section, Township, Range, 1/4, etc.)

コン

<u>16005 990</u> This material originated:

Sec

In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

HURRATOR Source:

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

FINER FARDEN +RUICES representative for.__

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance.

Signature Title ARMINGTON N.M. 8740 Addres - 26-96 Date

District I (505) 393-6161 P.O. Box 1940 Hobbs, NM 88241-1980 District II (505) 748-1283 811 S. First Artesia, NM 88210 New Mexico Energy Minerals and Natural Resources I Oil Conservation Division arth Pacheco Street	Form C-138 Originated 4/18/95
District III         (505) 334-6178         Santa Fe, New Mexico         87505           1000 Rio Brazos Road         (505) 827-7131	Submit Original Plus 1 Copy to appropriate District Office
<u>District IV</u> (505) 827-7131	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96004
1. RCRA Exempt: Mon-Exempt: DATE:	4. Generator
Verbal Approval Received: Yes D No By: DENNY FOUST	PNM GAS SERVICES
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	McCOY A1A
3. Address of Facility Operator	6. Transporter
420 CR. 3100 AZTEC, NM 87410	DIAMOND D CONST.
7. Location of Material (Street Address or ULSTR)	8. State
UNIT F SEC 18 - T31N - R10W	NEW MEXICO
<ul> <li>9. <u>Check One</u> <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a ccertificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cliwil be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only the material proved.</li> </ul>	essary chemical analyses to prove lassified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL:	DECEIVED FEB - 2 1996 DOL CON. DOV.
Estimated Volume <u>100 - 300</u> yd ³ Known Volume (to be entered by the opera	DISTO 3 tor at end of haul):yd ³
SIGNATURE	GR. DATE 1/31/96
TYPE OR PRINT NAME LARRY F. HUNTER TELEPH	IONE NO (505) 334-8894
(This space for State Use)	
APPROVED BY DEmy S. Don'T TITLE Geologist	DATE 2/2/96
APPROVED BY Dent TITLE Geologist	DATE 2-5-96

JAN 20'96 15:08 No.002 P.02



CORPORATE OFFICE

P. O. Drawer 15250

Parmington, NM 87401 (505) 325-0924

# TIERRA **ENVIRONMENTAL CORPORATION**

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.) Ŋω This material originated: In The State of New Mexico From the State of . Letter from the Regulatory Agency having jurisdiction therefore is attached. HADRATOR. Source: Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

FARDIEN NURR SERVICES representative for_

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal. State or Local law, regulation or ordinance.

Signature Title ACMINGTON N.M. 8740/ 121 Addres Date 1-26.96

···· · · · · · · · · · · · · · · · · ·					
District I(505) 393-6161New MexicoP.O. Box 1940•Energy Minerals and Natural Resources IHobbs, NM 88241-1980•Energy Minerals and Natural Resources IDistrict II(505) 748-1283Oil Conservation Division	<b>Form C-138</b> Originated 4/18/95				
Artesia, NM 88210       2040 South Pacheco Street         District III (505) 334-6178       Santa Fe, New Mexico 87505         1000 Rio Brazos Road       (505) 827-7131         District IV (505) 827-7131       (505) 827-7131	Submit Original Plus 1 Copy to appropriate District Office				
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE				
1. RCRA Exempt: Non-Exempt: DATE: 01/12/96	4. Generator 96001				
Verbal Approval Received: Yes No D By: F. CHAVEZ	MERIDIAN OIL Inc.				
2. Management Facility Destination	5. Originating Site				
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	McGRATH #4 SWD				
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter RILEY CORP.				
7. Location of Material (Street Address or ULSTR)	8 _, State				
SEC 34 T30N R12W	NEW MEXICO				
<ul> <li>9. <u>Check One</u> <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste clivil be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only the material is non-hazardous and the generator's certification of origin.</li> </ul>	essary chemical analyses to prove assified as hazardous by listing or testing				
BRIEF DESCRIPTION OF THE MATERIAL: FRESH WATER DRILLING MUDS AND PRODUCTION SANDS FROM GAS WELL DRILLING OPERATIONS JAN 1 7 1996 OIL CON. DIV. DIST. 3 Estimated Volume100 Bblsyd ³ Known Volume (to be entered by the operator at end of haul):yd ³					
SIGNATURE TITLE TITLE TITLE TITLE TUPE OR PRINT NAME TELEPH	AGER DATE <u>01/12/96</u> IONE NO. <u>(505) 334-8894</u>				
(This space for State Use) APPROVED BY <u>Sent Stent</u> TITLE <u>Geolog</u> IST APPROVED BY <u>rune Buch</u> TITLE <u>G</u>	DATE <u>//17/96</u> DATE <u></u>				

1

+ Submit 5 copies to DISTRICT I							
	o Appropriate District Office		State of New Mexico Is and Natural Resour	ces Denartment		_	
DISTRICT II	Iobbs, NM -88241-1980 - D, Artesia, NM 88211-0719		SERVATION D	-			n C-117 A ised 4-1-91
DISTRICT III 1000 Rio Brazos	s Rd, Aziec, NM 87410	Santa F	P.O. Box 2088 Te, New Mexico 8750	4-2088	PERMIT N	10. <u>3-</u>	576
TANK CL	EANING, SEDIMENT OIL I	REMOVAL, TRANSPO	ORTATION OF MISCEL	LANEOUS HYDRO	CARBONS AND	D DISPOSAI	L PERMIT
Operator or Owner	Meridian O	I Inc.	Add	ess_ <u>35735</u> _	E. 30th	Farm	ington, NH
Lease or Facility N	ame_McGRAth	SWD #4	<u></u>	Location			W, T 30A
OPERATION	TO BE PERFORMED:					Sec Twp I	₹ge.
	Tank Cleaning		~ .	ion of Miscellancous	-		
	Operator or Owner Represe		CRAEG A.	Bock Er	v. Repres	entative	, 
	Date Work to be Performed_	112/96					
	<u>TANK CLEANING D</u>	ATA Tank Number	A/A	Volume	210 BB	<u>L</u>	
	SEDIMENT OIL OR	Tank Type MISCELLANEOUS	HYDROCARBON DA		elow Load Line	<u> </u>	
	Sediment Oil from:	Pit Celli	ar 🗌 Other		l		FINE
,	MISCELLANEOUS ( Tank Bottoms From:		Crude Terminal	Refinery 📋	Other*	JAN 1	1 1996
	Catchings From: 🔲 Gas	oline Plant 🔲 Gather	ring Lines 📋 Salt Wa	ter Disposal System	Other*		
	Pipeline Break Oil or Spill	n 🗖			0		un di
	*Other(Explain)					يەھا	95.3
<u>VOLUME AN</u>	ND DESTINATION: Destination (Name and Lo	Estimated Volum			volume of good oil (Nat required prior to D	vision approval)	Bbls.
	· · · · · · · · · · · · · · · · · · ·	Detailion of treating plant o	r other facility) <u>, , , e</u>		(Not required prior to D	)ivision approval)	
	Destination (Name and Lo	Detailion of treating plant o	r other facility)ie,	Pit Disposal	(Not required prior to D	irewalls	C Other
	Destination (Name and Lo 	Deation of treating plant o	r other facility)ie	Pit Disposal	(Not required prior to D	irewalls	C Other
DESTRUCTI CERTIFICAT	Destination (Name and Lo <u>ON OF SEDIMENT O</u> (Explain) Location of Destruction	Detailion of treating plant o	r other facility) 7 / e	rra_LaudG	(Not required prior to D	irewalls	Other
DESTRUCTI CERTIFICAT	Destination (Name and Lo <u>ON OF SEDIMENT O</u> (Explain) Location of Destruction Justification of Destruction	Detailion of treating plant o	r other facility) / e	G) e and belief.	(Not required prior to D	irewalls	Cother
DESTRUCTI	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction _ Justification of Destruction ION : (APPLICATION M y certify that the information ab Owner By	AY BE MADE BY EITT Sove is true and complete	r other facility) / e	Cra_LawdSo Pit Disposal G) te and belief. Transporter	(Not required prior to D	irewalls	Other
DESTRUCTI CERTIFICAT	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction _ Justification of Destruction ION : (APPLICATION M y certify that the information ab Owner By	Detailion of treating plant o	r other facility) / e	Cra Lawd Construction of the second s	(Not required prior to D	irewalls	Other
DESTRUCTI	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction _ Justification of Destruction ION : (APPLICATION M y certify that the information ab Owner By	AY BE MADE BY EITT Sove is true and complete	r other facility) / e	Cra_LawdSo Pit Disposal G) te and belief. Transporter	(Not required prior to D	irewalls	Other
DESTRUCTI CERTIFICAT I hereby OIL CONSER	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction Justification of Destruction ION : (APPLICATION M y certify that the information ad Owner By Title Date///0/76 RYATION DIVISION	AY BE MADE BY EITH Sove is true and complete Difference Supervisore	r other facility)	Cra Lawd So Pit Disposal [] G) ge and belief. Transporter Address Signature Title	(Not required prior to D	irewalls	Other
DESTRUCTI CERTIFICAT I hereby OIL CONSER	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction Justification of Destruction IION : (APPLICATION M y certify that the information ab Owner By Title Date///0/76	AY BE MADE BY EITH Sove is true and complete Difference Supervisore	r other facility)	Cra Lawd So Pit Disposal [] G) ge and belief. Transporter Address Signature Title	(Not required prior to D	irewalls Date	<u>1 1996</u>
DESTRUCTI CERTIFICAT I hereby OIL CONSEF	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction Justification of Destruction IION : (APPLICATION M y certify that the information ab Owner By Title RODUCTION Date///0/96 RYATION DIVISION DRIGINAL SIGNED BY ERN	AY BE MADE BY EITT AY BE MADE BY EITT Foreis the and complete Durg Supervisore VIE BUSCH	r other facility) Burning Burning IER OF THE FOLLOWIN to the best of my knowledg  DEPUTY OIL & G/	CraLawdS	(Not required prior to D Y WA Use on Roads or f	irewalls Date	<u>1 1996</u>
DESTRUCTI CERTIFICAT I hereby OIL CONSER Approved By A COPY OF THIS	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction Justification of Destruction ION : (APPLICATION M y certify that the information and Owner By Title RODUCTION Date ///0/76 RVATION DIVISION DRIGINAL SIGNED BY ERN S FORM MUST BE ON LOCA JS HYDROCARBONS, AND	AY BE MADE BY EITT AY BE MADE BY EITT Sove is the Bhd complete Dug Supervisore NIE BUSCH ATION DURING TANK MUST BE PRESENTED	r other facility) Burning Burning IER OF THE FOLLOWIN to the best of my knowledg  DEPUTY OIL & G/  CLEANING, REMOVAL WITH TANK BOTTOM	CraLawJCo	(Not required prior to D Y WA Use on Roads or f	irewalls Date	<u>1 1906</u>
DESTRUCTI CERTIFICAT I hereby OIL CONSER Approved By COPY OF THIS	Destination (Name and Lo ON OF SEDIMENT O (Explain) Location of Destruction Justification of Destruction ION : (APPLICATION M y certify that the information and Owner By Title RODUCTION Date ///0/76 RVATION DIVISION DRIGINAL SIGNED BY ERN S FORM MUST BE ON LOCA	AY BE MADE BY EITT AY BE MADE BY EITT Sove is the Bhd complete Dug Supervisore NIE BUSCH ATION DURING TANK MUST BE PRESENTED	r other facility) Burning Burning IER OF THE FOLLOWIN to the best of my knowledg  DEPUTY OIL & G/  CLEANING, REMOVAL WITH TANK BOTTOM	CraLawJCo	(Not required prior to D Y WA Use on Roads or f	irewalls Date Date Date Date DistRibuti Santi	1 1996 1 1996 1 1996

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- And -	1997 North State Contraction of Annual Contraction
115	Tierka
	Environmental Corporation
CORPORATE OFFICE P. O. Diawer 15250	CERTIFICATE OF WASTE STATUS
Farmington, NM 87401	EXEMPT OILFIELD WASTE
(505) 325-6924	Originating
fax 326-4725-	Sits: (Include Name, Section, Township, Range, 1/4, etc.) <u>McGrath Swith</u> 4 Sec. 24, Town 301, Range 1241)
3.34 - 9024	
į	This material originated:
	In The State of New Mexico
	From the State of Letter from the Regulatory
	Agency having jurisdiction therefore is attached.
	Source: Erest water drilling mude and Production
	Sands raw Gas And well drilling aperations.
i	
	Destination: Tierra Environmental Corporation
	Crouch Mesa Landfarm Facility
	SE 1/4, Section 2, Township 29 North. Range 12 West NMPM
	San Juan County, New Merico
	I CRAEG A. Brock.
	representative for meridium ail Tre.
	do hereby certify that the waste described above is material that is exempted from
	regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my
	knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any
	other Federal. State or Local law, regulation or ordinance.
	Signature A. Box to
	Tille <u>Environmental Kepresentatur</u>
	Address 3535 2 30th Farmington, NM 37401
	Date_1/1/96
14:42 No.001 P.02	WEKIDIWA-FARMINGTON ID:505-326-9725 JAN 11'96

• • •

Exempt	Waste	Manifest
<b>8</b> .0 '	· · · · · · · · · · · · · · · · · · ·	• 4 • •

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•

Meridian Oil Inc. PO Box 4289, Farmington, NM 87499

Safety and Environmental	Waste Location: Lease/Well No. Mc Geath Swo 44		
	2. Volume: cubic Yards <u>87</u> Barrels Gallons 3. Description of Waste: <u>Eresh Wester based Deilling Munds</u> with Production Sands.		
	4. Method of Waste Generation: Well Devilling & Production		
-	5. Disposal Facility: <u>Tierra LoudGarm</u> 6. Disposal Cost:		
	7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4. Approval for Disposal		
MOI Representative	Transportation Company: Date(s) Transported:		
	MOI Representative on SiteDate		
Disposal Facility Complete and return to Meridian Safety and Environmental with Invoice.	Date(s) Received: Total Volume Received: Waste Location : Cell/Grid No Received By : (signature)		

Revised January 16, 1994

 
 District I
 (505) 393-6161

 P.O. Box 1940
 Hobbs, NM 88241-1980

 District II
 (505) 748-1283

 811 S. First
 Artesia, NM 88210

 District III
 (505) 334-6178

 1000 Rio Brazos Road
 Aztec, NM 87410

 District IV
 (505) 827-7131

· · · /*

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Ø

Submit Original Plus 1 Copy to appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE
1. RCRA Exempt: Mon-Exempt: DATE: 01/05/96	4. Generator 96001
Verbal Approval Received: Yes No D By: DENNY FOUST	MERIDIAN OIL Inc.
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	McGRATH #4 SWD
3. Address of Facility Operator	6. Transporter
420 CR. 3100 AZTEC, NM 87410	RILEY CORP.
7. Location of Material (Street Address or ULSTR)	8. State
SEC 34 T30N R12W	NEW MEXICO
9. Check One	

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.

B. All requests for approval to accept non-exempt wastes must be accomanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

All transporters must certify that the wastes delivered are only those consigned for transport.

BRIEF DESCRIPTION OF THE MATERIAL:

### APPROXIMATELY 400 Bbls. OF SLUDGE, PRODUCED FROM DISPOSAL WELL OPERATIONS

DECENVED JAN 1 7 1996
JAN 1 7 1996
OIL CON DIV

			a second se	and the same of the products	
Estimated Volume	yd ³	Known Volu	me (to be entered by the operator at end of	haul): <u>40</u>	0 Bbls. yd 3
	an a	esta pres dalla de l'adriant de ser a serie	n kan tastan teran bersetak dar 1999 - 1999 na atrana sakarata 1999 dar bera dari sakarata ber	r en soloris es al estadaden	ing an
SIGNATURE	7. 71	TITLE	OPERATIONS MANAGER	_ DATE	01/12/96
TYPE OR PRINT NAME_	LARRY F. HU	NTER	TELEPHONE NO.	(505)	334-8894
	and a subscription of the second subscription of the subscription of the subscription of the subscription of th	a an	n na han na hanna ann an hann an hann an hanna ann an hanna ann an hanna ann an hanna ann an hanna an haonn ann	ant el la la constant de la constant de	
(This space for State Use)		· · · · · · · · · · · · · · · · · · ·			
APPROVED BY	my S. For	TITLE 6	-eologist		17196
APPROVED BY	in Buch		ú	DATE	/ ~



### TIERRA ENVIRONMENTAL CORPORATION

CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924

### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

#### Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.) McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

x In The State of New Mexico

From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Filtration of incoming fluids to the McGrath SWD #4 injection well.

Destination:	Tierra Environmental Corporation	
	Crouch Mesa Landfarm Facility	
	SE 1/4, Section 2, Township 29 North, Range 12 Wes	t
	NMPM	
	San Juan County, New Mexico	

I Craig A. Bock

representative for Meridian Oil Inc.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal, State or Local 2aw regulation or ordinance.

Signature

Title Environmental Representative

Addres P.O. Box 4289, Farmington NM 87499-4289

Date 10/27

2 <b>.</b> .		
• •		Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499
Safety and Environmental	1.	Waste Location: Lease/Well No. McGrath SWD #4 Sec. 34, Town. 30N, Range 12W
	2. 3.	Volume:Cubic YardsBarrelsGallonsGallonsGallons
	4.	Method of Waste Generation: Filtration on incoming fluids to
	5.	the McGrath SWD #4 well. Disposal Facility:
	6. 7.	Disposal Cost: This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.
MOI Representative		Approval for Disposal
Disposal Facility Complete and return to Meridian Safety and Environmental with invoice.		Date(s) Received:

, ·

. ... <u>District I</u> (505) 393-6161 P.O. Box 1940 Hobbs, NM 88241-1980 <u>District II</u> (505) 748-1283 811 S. First Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

<u>District IV</u> (505) 827-7131	a 1964 - 1 49 m 29 m 29 m 29 m 20 m.	
REQUEST FOR APPROVAL TO ACCEPT SO		
1. RCRA Exempt: Mon-Exempt: DATE: 01/12/96	4. Generator 96002	
Verbal Approval Received: Yes 📷 No 📋 By: F. CHAVEZ MERIDIAN OIL Inc.		
2. Management Facility Destination 5. Originating Site		
Tierra Environmental Co., Inc. Crouch Mesa Landfarm McGRATH #4 SWD		
3. Address of Facility Operator 6. Transporter		
420 CR. 3100 AZTEC, NM 87410	PHILIP ENVIRONMENTAL	
7. Location of Material (Street Address or ULSTR)	8. State	
SEC 34 T30N R12W	NEW MEXICO	
9. Check One	<u> </u>	
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.	certificate of waste from the Generator; one	
B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved.		
All transporters must certify that the wastes delivered are only th	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL:		
SOIL AND GRAVEL CONTAMINATED WITH CRUDE OIL SPILLAGE CAUSED BY ACCIDENTAL FIRE AT FACILITY JAN 1 7 1996		
	OIL CON. DIV. Dist. 3	
Estimated Volume20 - 40yd ³ Known Volume (to be entered by the operation of the second s	ator at end of haul):yd ³	
SIGNATURE 7. 7. TITLE OPERATIONS MAN	(505) 224 9904	
TYPE OR PRINT NAME       LARRY F. HUNTER       TELEPH	HONE NO	
(This space for State Use)		
APPROVED BY Demy B. Zant TITLE Geologist	DATE7/7/96	
APPROVED BY Denny S. Zant TITLE <u>Geologist</u> APPROVED BY Mil Buch TITLE	DATE	

.

	Tierra Environmental Corporation
CORPORATE OFFICE P. O. Drawer 15250 Farmington, NM 87401 (505) 325-0924 Jax 326 - 4725	CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE Originating Site: (Include Name, Section, Township, Range, 1/4, etc.) <u>McGrath SWD #4</u> <u>Sec. 34</u> , <u>T30N</u> , <u>R12W</u>
	This material originated:        X       In The State of New Mexico        From the State of       Letter from the Regulatory         Agency having jurisdiction therefore is attached.         Source:       Crude Oil Contaminated Soil and Gravel
	Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North. Range 12 West NMPM San Juan County, New Mexico I
	do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal. State or Local law, regulation or ordinance.
	Title <u>5r. 5taff. Env. Rep.</u> Addres <u>3535 E. 30th 5t., Farmington, NM</u> 87401 Date <u>1/12/96</u> TOTAL F. R.

District I(505) 393-6161New MexicoP.O. Box 1940New MexicoHobbs, NM 88241-f980Energy Minerals and Natural Resources	Poportmont
District II (505) 748-1283	Department
811 S. FirstOff Conservation DivisionArtesia, NM 882102040 South Pacheco Street	Submit Original
District III (505) 334-6178 Santa Fe, New Mexico 87505	Submit Original Plus 1 Copy
1000 Rio Brazos Road         (505) 827-7131           Aztec, NM 87410         (505) 827-7131	to appropriate District Office
District IV (505) 827-7131	an a
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE
1. RCRA Exempt: Mon-Exempt: DATE: 01/16/96	4. Generator 96003
Verbal Approval Received: Yes Mo Denny FOUST	PNM GAS SERVICES
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co., Inc. Crouch Mesa Landfarm	COZZENS B1E
3. Address of Facility Operator	6. Transporter
420 CR. 3100 AZTEC, NM 87410	DIAMOND D CONST.
7. Location of Material (Street Address or ULSTR)	8. State
UNIT J - NW/4 SE/4 - SEC 19 - T29N - R11W	NEW MEXICO
9. <u>Check One</u>	•••••••••••••••••••••••••••••••••••••••
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.	certificate of waste from the Generator; one
B. All requests for approval to accept non-exempt wastes must be accomanied by nec the material is non-hazardous and the Generator's certification of origin. No waste will be approved.	
All transporters must certify that the wastes delivered are only the	nose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	and an
HYDROCARBON CONTAMINATED SOIL FROM DEHYDRAT	OR /
SEPARATOR PIT	
	M G G B M RD
	JAN 1 7 1000
	(O) [7] (O) [7
	GOM DIE
	DECENTED JAN 1 7 1995 OIII. GONI. DIIV. DIST. 3
Estimated Volume <u>12 - 24</u> yd ³ Known Volume (to be entered by the operation $\frac{1}{2}$	ator at end of haul):yd ³
	an a
SIGNATURE 7. 7. TITLE OPERATIONS MAN	NAGER DATE 01/16/96

TYPE OR PRINT NAME	LARRY F. HUNTER	TELEPHONE NO	(505) 334-8894
(This space for State Use)			alan kana da Alika Tanaka kana Angara Pengaran Angara Kana kana kana kana kana kana kana kan
APPROVED BY Den	12 2 Jour TITLE		DATE _///7/96
APPROVED BY	Ruch TILE	, 4 [	DATE H



Corporate Office 12205 E. Skelley Drive Tulsa, OK 74128

918-437-6200

OPERATIONS OFFICE 909 W. Apache Farmington, NM 87401 505-325-0924

### TIERRA ENVIRONMENTAL CORPORATION

#### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

RIIW

UNIT J

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.)

291

This material originated:

1 In The State of New Mexico

_____ From the State of ______. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: DeHIdvin

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM

San Juan County, New Mexico

ARDEN M- GAS SPRUIERS representative for

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal state or Local law, regulation or ordinance.

Signature Title ARMiHADN 8740/ Addres_60 1-15-96 Date

District I(505) 393-6161New MexicoP.O. Box 1940Energy Minerals and Natural ResourcesHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 87505Aztec. NM 87410(505) 827-7131	Submit Original Submit Original Subre 1 Cany io appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	
1. RCRA Exempt: Mon-Exempt: DATE:	4. Generator
Verbal Approval Received: Yes M No D By: DENNY FOUST	EL PASO NATURAL GAS
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site SEE ATTACHED LIST
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter PHILIP ENVIRONMENTAL
7. Location of Material (Street Address or ULSTR)	8. State
SEE ATTACHED LIST	NEW MEXICO
<ul> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste c will be approved.</li> <li>All transporters must certify that the wastes delivered are only the material is non-hazardous and the wastes delivered are only the material is non-hazardous and the second second</li></ul>	assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Various dehydrator and drip pits at closure sites closed during DECEMBER 1995	DECENTED JAN 1 7 1996 OUL CONS. DUV.
Estimated Volumeyd ³ Known Volume (to be entered by the opera	tor at end of haul):710yd ³
SIGNATURE	IGR. DATE <u>1-10-96</u> HONE NO. (505) 334-8894
(This space for State Use) APPROVED BY Demy & Tent TITLE Geolog VST APPROVED BY THE BarchTITLE a	DATE 1/17/98



CORPORATE OFFICE 12205 E. Skelley Drive Tulsa, OK 74128 918-437-6200

OPERATIONS OFFICE 909 W. Apache Farmington, NEW 87401 505 025-0924

### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating Site: (Include Name, Section, Township, Range, 1/4, etc.). A list of pit closure sites is attached. December, 1995

This material originated:

TIERRA

xx In The State of New Mexico

From the State of _____. Letter from the Regulatory Agency having jurisdiction therefore is attached.

Source: Various dehydrator and drip pits.

ENVIRONMENTAL CORPORATION

Destination: Tierra Environmental Corporation Crouch Mesa Landfarm Facility SE 1/4. Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

I Sandra D. Miller

representative for El Paso Matural Gas Company

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingied with the exempt waste that would otherwise cause the waste to be classified as "hazardous" by RCRA or any other Federal. State or Local law, regulation or ordinance.

Signature Stmely I Milles	
Title Sr. Combilance Scientist	
Addres P.O. Box 4990; Farmington, NM 87499	

Date 1-9-96

### 1- 9-96 : 4:23PM ;EL PASO NATURAL CAS →TIERRA ENVIRONMENTA ;# 3/ 3

			Tiel ironmental December,	1995	
Closed		Meter2	Location	STRL	Comments
12//6/95	71676		Tumer A1 PM	34-31-11-G	2

### TIERRA ENVIRONMENTAL COMPANY Inc.

#### JOB # 94022

### EL PASO N.G. PIT PROJECT 12/1 thru 12/10/95

DATE	T/NUM	METER	LOCATION	NAME	CARRIER	TRK #	CONT/YDS BA	CK/YDS	CELL
12/5/95	5059	71676	TURNER A-1 PM		PHILIP	6000	70.00	70.00	11
12/5/95	5060	71676	TURNER A-1 PM		PHILIP	6002	70.00	70.00	11
12/5/95	5061	71676	TURNER A-1 PM		PHILIP	6001	70.00	70.00	11
12/5/95	5062	71676	TURNER A-1 PM		CRUZ	2	40.00	40.00	11
12/5/95	5063	71676	TURNER A-1 PM		CRUZ	5	40.00	40.00	11
							290.00	290.00	
12/6/95	5064-71	71676	TURNER A-1 PM		PHILIP	6000	80.00	90.00	11
12/6/95	5065-69	71676	TURNER A-1 PM		PHILIP	6001	90.00	90.00	11
12/6/95	5066-72	71676	TURNER A-1 PM		PHILIP	6002	90.00	90.00	11
12/6/95	5067	71676	TURNER A-1 PM		ENVIRO	E-51	70.00	70.00	11
12/6/95	5068-70	71676	TURNER A-1 PM		ATENCIO	DS-7	90.00	90.00	11
	•						420.00	430.00	

TOTALS:

710.00 720.00 EL PASO JULY 1995

DATE	LOCATION	<u>METER</u>	<u>CONT</u>	<u>FILL</u>	<u>CELL</u>
12/6/95	TURNER A-1 PM	71676	710.00	720.00	11

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SUM: SUM: 710.00 720.00

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DIVISION	j'oger in erson
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE	xxxxxxxxxxxxxxxxxxxxxx
1. RCRA Exempt: Non-Exempt: Non-Exempt: Verbal Approval Received: Yes State No By: DENNY FOUST (Submitting this form for oilfield exempt waste is optional) DATE:	4. Generator Gary Williams Energy Corp.
2. Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Name of Originating Site Montezuma Creek Station
<ol> <li>Address of Facility Operator</li> <li>420 CR. 3100 AZTEC, NM 87410</li> </ol>	6. Name of Transporter Fesco
<ul> <li>7. Originating Location of Material (Street Address or ULSTR) SE 1/4 SEC 32 - T 40 S - R 24 W</li> </ul>	8. State Utah
<ul> <li>9. <u>Check One</u> <ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a construction of the period.</li> <li>B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by Generator and the New Mexico Environmental Dept or other appropriate government</li> <li>C. All requests for approval to accept non-exempt wastes must be accompanied by nece the material is non-hazardous and the Generator's certification of origin. No waste clivil be approved.</li> <li>All transporters must certify that the wastes delivered are only Projected Date(s) for transportation: <u>January 1996</u></li> </ul> </li> </ul>	y a certification of waste status from the agency; two certificates per job. essary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Soil Contaminated with Crude Oil from Storeage and Transfer Operations On Site. JAN 1 0 1 ODL CON DUST: 2	VED RECEIVED 1JAN - 3 1996 DEV OIL CON. DEV. DISTL 3
Estimated Volume 500 yd ³ Known Volume (to be entered by the operator Thereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE	
(This space for State Use) APPROVED BY DEMPS. Zent TITLE Geologist APPROVED BY C. L. TITLE GEOLOGIST	DATE 1/3/95 DATE 1-8-96

CONDITIONS OF APPROVAL, IF ANY:

р 	<u> </u>
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1. RCRA Exempt:       □       Non-Exempt:       95044         Verbal Approval Received:       Yes□       No□       By:       DENNY FOUST	4. Generator Gary Williams Energy Corp.
(Submitting this form for oilfield exempt waste is optional) DATE:	
2. Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Name of Originating Site Montezuma Creek Station
3. Address of Facility Operator	6. Name of Transporter
420 CR. 3100 AZTEC, NM 87410	Fesco
7. Originating Location of Material (Street Address or ULSTR)	8. State
SE 1/4 SEC 32 - T 40 S - R 24 W	Utah
9. <u>Check One</u>	
<ul> <li>A. All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.</li> </ul>	pertificate of waste from the Generator; one
<ul> <li>B. All requests for approval to accept non-oilfield exempt wastes will be accompanied b Generator and the New Mexico Environmental Dept or other appropriate government</li> </ul>	
C. All requests for approval to accept non-exempt wastes must be accomanied by nece the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	ssary chemical analyses to prove assified as hazardous by listing or testing
All transporters must certify that the wastes delivered are only	those consigned for transport.
Projected Date(s) for transportation: January 1996	
BRIEF DESCRIPTION OF THE MATERIAL: Soil Contaminated with	
Crude Oil from Storeage and	
Transfer Operations On Site.	

Estimated Volume	.500	yd ³	Known Volume (to be entered by	the operator at end of ha	ul):yd ³
I hereby certify that the informatio			, 3		
SIGNATURE	1.40	NI-	TITLE Environmental	Specialist	DATE 01-02-96
TYPE OR PRINT	NAME	TO D.	Nub: 5	TELEPHONE NO.	(505) 334-8894
(This space for State Use)		-	· · · · · · · · · · · · · · · · · · ·		
	Jany.	g. Jourt	TITLE Declog	IST	DATE 1/3/95
APPROVED BY		<u></u>	TITLE		DATE

CONDITIONS OF APPROVAL, IF ANY:

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FAX:405-665-65^

PAGE 1

Page 2 of 2 Thursday, December 14, 1986 12:08:07 PM

### TIERRA

Environmental

COMPANY Inc.

CORPORATE and LANDFARM OFFICES

------

P.O. Drawer 15250 Farmington, NM 87401

#### ****

420 CR. 3100 Aztec, NM 87410 (505) 334-8894 Fax (505) 334-9024

### CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

Site: (Include Name, Section, Township, Range, 1/4, etc.)

MONTAZUMA CREEK STATION

#### SE 1/4 SEC 32 - T 40 S - R 24 W

This material originated in:

The State of New Mexico

The State of <u>UTAH</u>. Letter from Regulatory Agency having jurisdiction therefore is attached.

Location is on: 
BLM. FOREST TRIBAL OTHER FEDERAL LANDS Description of Material: <u>SOIL CONTAMINATED BY STOREAGE</u> AND TRANSFER OPERATIONS ON SITE

Destination: Tierra Environmental Company Inc. Crouch Mesa Landfarm Facility SE 1/4, Section 2, Township 29 North, Range 12 West NMPM San Juan County, New Mexico

CHRIS HAWLEY

· I _

Representative for _____GARY WILLIAMS ENERGY CORP.

do hereby certify that the waste described above is material that is exempted from regulation by the Resource Conservation and Recovery Act (RCRA) and is considered non-hazardous oilfield waste. I further certify that to the best of my knowledge, no other material has been commingled with the exempt waste that would otherwise cause the waste to be classified as "Hazardous" by RCRA or any other Federal, State or Local law, regulation or ordinance.

Signatur	· COMBHOWING	
	NVIRONMENTAL MGR.	Dute 12-14-95
Address	370 17th. ST. Suite 5300	<u> </u>
	DENVER, CO 80207	

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**3**801 ⁻ 18 6715

UTAH DSHW

FILE COP



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF SOLID AND HAZARDOUS WASTE

Michael O. Lenvitt Governor Dianne R. Nielson, Ph.D. Executive Obvecur Dennis R. Downs Obvector 288 North 1460 West P.O. Box 144880 Salt Lake City, Unith 84114-4880 (801) 538-6170 (801) 538-6175 Fax (801) 536-4414 T.D.D.

December 27, 1995

Larry Hunter Tierra Environmental Company Inc. 420 Cr. 3100 Aztec, New Mexico 87410

Dear Mr. Hunter:

This letter is in response to a telephone conversation on December 27, 1995 concerning contaminated soil excavated from a tank cleanup located in Montezuma Creek, Utaň. Based on the analytical information received for TCLP, the material in question does not appear to be a characteristic hazardous waste. Final Determination of whether or not the material is a hazardous waste needs to be based on a complete characterization made by the generator following the requirements outlined in 40 CFR 262.11.

If you should have any questions or comments regarding the contents of this letter, please call Allan Moore of my staff at (801) 538-6170.

Sincerely

Dennis R. Downs, Director Utah Division of Solid and Hazardous Waste

DRD/TAM/tam





January 02, 1996

Allen Moore State of Utah, Dept. of Environmental Quality Division of Solid and Hazardous Waste 288 North 1460 West P.O. Box 144880 Salt Lake City, Utah 84114-4880

Dear Mr. Moore,

This letter is to inform you that we have received your letter concerning the contaminated soil excavated at Montezuma Creek, Utah and to further advise you that the material in question is being considered a non-hazardous waste pursuant to the characteristic analysis performed (TCLP) and requirements outlined in 40 CFR 262.11.

It will be transported by truck to Tierra Environmental Company Inc's New Mexico State approved and permitted landfarm located at #420 County Road 3100 Crouch Mesa, San Juan County New Mexico pending approval from New Mexico State Oil and Gas Conservation Division.

If you should have any questions, please contact me at 505-334-8894.

Sincerely,

Todd D. Nobis Environmental Specialist

### P 320 290 478



	(See neverse)	
	Sent to State of	Utah
	Strogt and No.	
	P.O., State and ZIP Code	4114
	Postage	\$ .32
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	Restricted Dolivery Fee	
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nne	to Whom & Date Delivered Return Recently Spower Stration Date, and Achesser's Address	
<b>°</b>	TOTALINGStage & Fees	\$ 2.50
PS Form <b>3800,</b> June 1991	Postmark DAN® 0 2 1996	
orm	1	
PS	CSP5-87419	, 

505 325 6256

LABORATORY I.D...: 953742-0001 OATE RECEIVED....: 12/14/95 TIME RECEIVED....: 10:18 REMARKS..... P.02

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# PHELIMINARY

#### LABORATORY TESTS RESULTS 12/22/95

### 108 NAMOER: 95375Z CUSTOMER: DHSITE TECHNOLOGIES LIMITED ATTH: DAVE COX

CLIENT I.D...... NONTEZUMA CREEK-BRC DATE SAMPLED...... 12/13/95 TIME SAMPLED...... 10:35 WORK DESCRIPTION.... MONTEZUMA CREEK-BRC

test þ	ESCRIPTION	FINAL RESULT	LINITS? DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECH	
TCLP S	entvotatiles		*1		EPA SU-846 82708	12/22/95	027	
1,	6-Dichlorobenzene	<10	10	ug/L	EPA SW-846 82708	[		
2,	4-Dinitrotoluene	<10	10	ug/L	EPA 54-846 82708	1		
Wa	xachlorobanzene	<10	10	Ug/L	EPA SU-846 82708	1		
Ma	unachiorobutadiana	<10	-10	ug/L	EPA 54-846 82708	[		
	xachloroethane	₹10	10	ug/L	EPA 54-846 82708	[		
	trobenzene	<10	10	ug/L	EPA SV-846 82708			
	ntachlorophenol	<50	50	ug/L	EPA 51-846 82708			
	4,5-Trichlorophenol	<10	10	ug/L	EPA \$4-846 82708	1		
2;	4,6-Trichlorophéhol	*10	10	49/1	EPA SH-846 82708			
Py	ridine	<10	10	lug/L	EPA 54-846 82708			
p,	m-Cresol	<10	10	ug/L	EPA 54-846 82708	ł		
0	Cresol	<10	10	Uart	EPA SU-846 82708			
2-	Fluoropheno( (Surrogate)	66	0	% Recovery	21-100% OF LIMITS	1		
	enotado (Surrogate)	81	ō	X Recovery	10-94% OC LIMITS	1		
	trabenzene-d5 (Surrogata)	74	0	X Recovery	35-114% QC LIMITS			
	Fluerobiphenyl (Surrogale)	37	o	X Recovery	43-116% QC LINITS	<b>}</b>		
2.	4,6-Tribromophenol(Surrugata)	08	ŏ	Z Recovery	10-123% QC LIMITS	}		
	phenyl-d14 (Surrogate)	60	ō	Z Recovery	33-141% OC LIMITS			
TCLP V	l Olatiles		<b>*</b> 10		EPA SW-846 8260	12/15/95	9P	
86	nzene	<0	50	ug/L	EPA SH-846 8260	l		
Ca	srbon tetrachioride	<50	50	ug/L	EPA SH-846 8260	1		
Ch	torobenzene	<50	50	ug/L	EPA SN-846 8260	(		
61	loroform	<50	50	ug/L	EPA SU-846 8260	}		
	thyl ethyl ketone	<500	500	Ug/L	EPA SW-846 8260	1		
	ichlaroethene	<50	50	lug/L	EPA SW-846 8260			
	nyl chloride	<40	40		EPA SU-846 8260	]		
	2-Dichloroethene	<50 .	50	Ug/1	EPA SV-846 8260			
	trachioroethene	<50	50	ug/L	EPA SN-846 8260			
	1-Dichloroethene	<50	50	ug/L	EPA 34-846 8260			
	bronofluoromethane(Surrogate)	99	Ō	X Recovery	86-118% OC LIMITS			
	ubene d-8 (Surrogate)	101	3	% Recovery	88-110% OC LIMITS	l		
	Gromofluorobenzone(Surrogate)	98	0	% Recovery	86-115% QC LIMITS			
atrac	tion - TCLP Semivoletiles	Completed			EPA 60-846 3520	12/19/95	YED	
lass	Jar Extraction for Metals	Completed			EPA SN-846 1311	12/14/95	DGP	
lass	Jar Extraction-Semivolatiles	Completed			EPA 58-846 1311	12/14/95	bop	
'senî	c (As), extractable TCLP	<0.05	0.05	mg/L	EPA 54-846 6010a	12/19/05	gçc	
	······································	!		[ 		ł		
		1733 HORTH PADRE ISLAND DRIVE Corpus Christi, TX 78408 (512) 289-2673						
<b>Bactorian</b>		یں دیارہ میں میں ہوتا ہے۔ این دیارہ میں ایک ہوت ہے کہ <del>ان میں ہو</del> ایک میں ا ^{را} م	PAGE : 1		- 13 کرور برواند میشور کرور و اندو می این اندو و			

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### LABORATORY TESTS RESULTS 12/22/95

R.P

## IOB MUMBER: 293742 CUSTOMER DASITE TECHNOLOGIES LINITED ATTN: DAVE COX

CLIENT 1.D...... NONTEZLMA CREEK-BRC DATE SAMPLED...... 12/13/55 TIME SAMPLED...... 10:35 WORK DESCRIPTION...: MONTEZUMA CREEK-BRC

LABORATORY I.D...: 953742-0001 DATE RECEIVED....: 12/14/95 TIME RECEIVED..... 10:18 REMARKS......

The second s						
ETTOESCRIPTION	FINAL RESULT	ETHETS/POTLUTTON	UNITS OF HEASURE	TEST-HETHON	DATE	TECI
arium (Ba), extractable TCLP	2.56	0.05	Nog/L	EPA SW-846 6010A	12/19/95	GC(
admium (Cd), extractable TCLP	<0.05	0.05	mg/L	EPA SH-846 6010A	12/19/95	GCI
hromium (Cr), extractable TOLP	<0.05	0.05	mg/L	EPA 5W-846 6010A	12/19/95	GCC
aad (Pb), extractable TCLP	<0_05	0.05	mg/L	EPA SH-846 6010A	12/19/95	GCI
slenium (So), extractable TULP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	ĠĊſ
ilver (Ag), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCI
lemmability Potential	Negativo		+ or -	ASTH 04982-89	12/19/95	TFB
yanide, Raactive	<5	5	mg/kg	EPA 54-846 7.3.3.2	12/22/95	GB
prosivity by pH	7.8	0.1	pH units	30 TAG 335.505 (3)	12/19/95	SEE
Jifide, Reactivo	<50	50	mg/kg	EPA SH-846 7.3.4.2	12/15/95	G8
ercury (Hg), extractable, TCLP	<0.002	0,002	ng/L	EPA SW-846 7470	12/19/95	EBS
tals Digest on Extracted Sample	Completed		-	EPA SH-846 3010A	12/18/95	158
ro Readspace Extraction-Volatile	Completed			EPA SW-846 1311	1	
				EFR 38-040 (51)	12/14/95	¢œ
	}					
			1733 HOR Corpus C (512) 28	TH PADRE ISLAND DRIVE HRISTI, TX 78408 9-2673		
		PAGE:2				