

# $\mathbf{C-138}$

# **Date: 1997**

# **Tierra Land Farm**

P.C. Box 1940 New Mexico	FUTIII U-1JC Originated 4/18/95
Hobbs, NM 88241-1980 District II (505) 748-1283 Energy Minerals and Natural Resources	Department
District II(505) /48-1285811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	
District III (505) 334-6178 Santa Fe, New Mexico 87505	Submit Origin: Plus 1 Copy
1000 Rio Brazos Road Azlec, NM 87410 (505) 827-7131	to appropriate District Office
<u>District IV</u> (505) 827-7131	Disuit Onice
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 9.700 3 95002
1. RCRA Exempt: yes Non-Exempt: DATE: 2-19-97	4. Generator
Verbal Approval Received: Yes No By: DEWNY Fors T	Sunco Sisposine 5. Originating Site
2. Management Facility Destination	5. Originating Site
1150RA Environmental	CROUCH Mesos Disposure
3. Address of Facility Operator	6. Transporter
420 CR 3100 Acter NM 57410	Sureo Trucking
7. Location of Material (Street Address or ULSTR)	8. State
5-2-1-29-R12W	Nm
9. <u>Check One</u>	
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 new the material is non-hazardous and the Generator's certification of origin. No waste o 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:	+
BRIEF DESCRIPTION OF THE MATERIAL: SOLIDS Collected from DECENVED FEB 2 1 1997	he class I permit
OHL CCIL DIV. DIRLS 3	
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the opera	tor at end of haul}:yd <sup>3</sup>
SIGNATURE Bai Willai TITLE Environmental SP	FURIST DATE 2-19-9.7
	IONE NO(505) 334-8894
This space for State Use)	e og Generate e en dig ster stjiller og er statet og
APPROVED BY Denny B. Form TITLE Geologist	DATE <u>2/21/97</u>
APPROVED BY Juie Bruch TITLE Geal of int	DATE 2/2/195

## 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>2</u>T-<u>79</u>R-12-1/4<u>NW1/49W</u>County <u>5</u>.<u>5</u>. State N <u>M</u> Physical Address if appropriate:

Source and description of waste:

Solids Removed From WAter STORAGE Pits

Solid's generated prior to Reciamy Class I Permit

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

I representative Samo Mucken for Dicoora

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \_\_\_\_\_ Exempt \_\_\_\_\_ 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 1-46

Signature / Printed Name MICMARL THOUCH Title DISPOSAL MGR Date 2 - 19 - 9

District II(505) 335-0101New MexicoP.O. Box 1940Energy Minerals and Natural ResoHobbs, NM 88241-1980Energy Minerals and Natural ResoDistrict II(505) 748-1283811 S. FirstOil Conservation DiversionArtesia, NM 882102040 South Pacheco StrDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 8Aztee, NM 87410(505) 827-7131	ision reet Submit Orig
District IV (505) 827-7131 REQUEST FOR APPROVAL TO ACCE	a second and a second secon
1. RCRA Exempt: X Non-Exempt: DATE: 12-31-9	4. Generator
Verbal Approval Received: (Yes No By: 0. For	St CONOCO GAS Plant
2. Management Facility Destination	5. Originating Site
Tierra Environmental company Enc LandFarm	- # 61 CR 4520 CLONOCO Plund)
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Actes Non 82410	

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.
В.	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.

county

87413

8. State

M

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

7. Location of Material (Street Address or ULSTR) 54N July

BloomField Nm

4920

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C R

#61

9. Check One

BRIEF DESCRIPTION OF THE MATERIAL: ScruBBer (GAS Trent 102)	Waste From Gas Plant
	JAN 1 U BOT had No record CITEL COORD DIVIC mis-filed DIVIC mis-filed
Held C-138 For reproducible certificate of maste	Dents of Mills 'mis-filed
Estimated Volumeyd <sup>3</sup> / Known Volum	e (to be entered by the operator at end of haul):yd <sup>3</sup>
SIGNATURE	Environmental specialist DATE
TYPE OR PRINT NAME TOJO D. Nob: 5	TELEPHONE NO(505) 334-8894
(This space for State Use)	
APPROVED BY Denny &. Faint TITLE G	COLOGIST DATE 1/31/97
APPROVED BY Price Burgh TITLE	coloquit DATE 1/31/17

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87418



P.O. DRAWER 15250 FARMINGTON, NEW MEXICO 87491-5259

### PHONE (505) 334-8894 FAX (595)334-9824

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- T- Br 1/4: 1/4 County State Physical Address if appropriate: 4 Carry M 4720 Manufield, NM \$7413

Source and description of waster

Gas Trar 102. Topis used to party go stream by remaining CD. and these amounts of H2S.

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

I Chris Hanson (ENJ. Engineer)	representative
the Cours In Sen Jun 645 Plan	

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

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

The required documentation is hereto attached:

Clasck appropriate line(s):

- MSDS Information sheet
- RCRA TCLP Analysis
- RCRA Metals Analysis

\_\_\_\_Corrosivity, Ignitability, Reactivity

letimenent xxt brand "S-bog	and the second
levi 5	Ferra (Todal)
· Conoco	CA.
	334. 3359
632-4930	334-9024

627- 4907

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

Signature	Church	Horan	
Printed No	Chis H.	erson	
Title	Fruitmany Fra	ocat	
Dets	8/13/11		ويستحدث والمتعالية ومستحد والمتعال والمتارية ومعارية والمتعادية

\*\* TOTAL PAGE.002 \*\* \*\* TOTAL PAGE.003 \*\*

5056324330 °C 93349024 P.34/34 DEC 31'96 12:47 FR CONOCO SJGP RMD ochnologies. In Page 3 of 3 BAS TREAT 102 SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDUPES. STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Shut, off ignition sources. No flares, smoking or flames in hazard area. Stop lask if you can do it without risk. Water spray may reduce vapar: "" it may not prevent ignition in closed areas. Take up spill with sand or other noncombustible absorbent material and place in containers for large disposal. ALWAYS WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN ADDRESSING SPILL OR LEAK FLUSH SPILL AREA WITH PLENTY OF WATEP. WASTE DISPOSAL METHOD: Contect an EPA or State Approved Disposel Facility. SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES Respiratory Protection (Specify Type): NONE REQUIRED UNDER NORMAL CONDITIONS Ventilation: Local Exhaust: Recommended General Exhaust: Recommended Special: USE SCBA WHEN ENTERING TANKS Protective Gloves: Chemically Resistant / Non-Slip Eye Protection: Chemical Safety Goggles / Safety Glasses Other Protective Clothing or Equipment: Coverally, Splesh Aprons. Eve Wash, and Safety Shower Work/Wygenit Protticer: Clean up Spills Promptly, Wash Contaminated Clothing. SECTION 9 - SHIPPING DATA Champion Label No. 45 Mazers Classification: UN/NE No.: Labels Required: . MI ER Duide Ro.: 6.1 UN 3139 OXIDIZER 45 Proper Shipping Name/Description: OXIDIZING SUBSTANCES. LIGUID, N.O.S., 5.1, UN 3139, PG 11 (SODIUM NITRITE) RQ in lbs. RQ in gallons alt: Flash Point, F: Pkg. Group: INDG-Pg.Ho.: 250 22 8,8-9,3 II NONE 5163 • . This information is based on data believed by Champion Technologies. Inc. to be accurate, but no warranty, express or implied is made .

TOTAL PAGE . 006

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ANS TREAT 102

CTION 5 - PHYSICAL HAZAPDS (REAC	TIVITY DATA)			
			•••••••	
Nemical Stability: STABLE		•	•	
anditions to Avoid: OPEN FLAMES				
apatibility (asteristr to avoid): "PRGANICS,	AMMONIUM SA	LTS. RED	UCING ABEN	TS. WOOT
reaus Decomposition/Bygroducts: QXIDES OF	CARBON & NI	TRAGEN		
zardous Polymerization: WILL	NOT OCCUR	,	- 	
izand Rating Scale: HEALTH: 2	FIRE D	REA	CTEVITY: 0	
(d=severs, 3=ser	four 2=med	erste.	l=glight.	0=minimə
	•	•	· · ·	-
CTION 6 - HEALTH HAZARDS				-
RIMARY ROUTES OF ENTRY	•			
man health effects of overexposu by include skin irritation with d ith discomfort, tearing, or blurr by cause low blood pressure with his product can react with certai	ne to this p iscomfort or ing of visio headache, fa n amines to	roduct b rash; o n. Inhal Inting.	y skin or r øye irri stion or ( navseð, or	tys conta tation ngestion weakness
EALTH HAZARDS: JMAR health effects of overexposu by include skin irritation with d ith discomfort, tearing, or blurr by cause low blood pressure with his product can react with certain huse cancer, mutptions, or other MERGENCY & FIRST AID PROCEDURES: h case of EYE contact, immediatelon potinue washing for at least 15 m	ing of visio headache, fa n amines to toricity. y flush eyes inutes. In c	noduct b rash; o n. Inhal inting. form nit with ru ase of I	y skin or r øye irri ation or i navseð. Or rosamines noing wate NGESTION.	typ conta tation ngestion weakness which may pr and give
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EALTH HAZARDS: IMAR health effects of overexposu by include skin irritation with d ith discomfort, tearing, or blurr by cause low blood pressure with his product can react with certain ause cancer. mutptions, or other MERGENCY & FIRST AID PROCEDURES: h case of EYE contact, immediatel putinue washing for at least 15 m glasses of water and induce voming ithout delay. In case of SKIN con- nd wash skin with soap and water. rritation persists. Wash clothing NHALATION, remove to fresh air. I spiration. If breathing is diffi- ualified personnel. F CONDITIONS PERSIST, SEEK MEDICA	re to this p iscomfort or ing of visio headache, fa n amines to tovicity. y flush eyes inutes. In c ting. Obtain tact, remove Obtain medi before rewe f not breath cult, orygen	roduct by rash; o n. Inhal Inting. form nit with ry ase of I medical contami cal atte aring. I ing, giv may be	y skin or r øye irri stion or i nauseð. of rosemines NGESTION. attention næted clot ntion if n care of e artifici given by	typ conta tation ngestion weatness which may or and give hing
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EALTH HAZARDS: JMAR health effects of overexposu by include skin irritation with d ith discomfort, tearing, or blurr by cause low blood pressure with his product can react with certain ause cancer. mutptions, or other MERGENCY & FIRST AID PROCEDURES: a case of EYE contact, immediatel putinue washing for at least 15 m glasses of water and induce voming thout delay. In case of SKIN con- nd wash skin with soap and water. rritation persists. Wash clothing NHALATION, remove to freen air. I espiration. If breathing is diffi- ualified personnel. F CONDITIONS PERSIST, SEEK MEDICA	re to this p iscomfort or ing of visio headache, fa n amines to tovicity. y flush eyes inutes. In c ting. Obtain tact, remove Obtain medi before rewe f not breath cult, orygen	roduct by rash; o n. Inhal Inting. form nit with ry ase of I medical contami cal atte aring. I ing, giv may be	y skin or r øye irri stion or i nauseð. OF rosemines NGESTION. attention næted clot ntion if n care of e artifici given by	tation ngestion weakness which may or and give hing

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Bichnoloolee inc.

MATERIAL SAFETY DATA SHEET

P.02/04

GAS TREAT 102

Chambion Technologies. Inc. Chambion Technologies. Inc. Chambion Technologies. Inc. Chambion Technologies. Inc. Po. BOX 450439 Houston, TX 77245 Prade Name: CAS TREAT 102 Chemics! Eamily: INDRGANIC SALTS Chemics! Eamily: INDRGANIC SALTS CIS No. CIS No. No. CIS NO. CIS NO. No. CIS NO. NO. CIS NO. CIS NO.		
130 EM S21       Fresho, TK 77845       1-713-631-2561         PO. BOX 450499       Houston, TX 77245       1-800-624-9300 (CHEMTREC         Trada Name:       GAS TREAT 102         Chemical Family:       JASTREAT 102         Chemical Family:       Preserved:       10/8514         Demical Family:       Preserved:       10/8514         SODIUM NITPITE       Preserved:       11.3         Mattree Can reset       Preserved:       11.3         Soling Point.       F:       ND       Specific Gravity:         Soling Point.       F:       ND       Specific Gravity:         Apper Pressure (	18M 40088	SECTION 1 - IDENTIFICATION
Trane Name:       GAS TREAT 10:2         Chemical Family:       INAGGANIC SALTS         CIS No.:       M0000[FUAR         Presered:       10/45/34       Presered by:       J. Schereict         EECTION 2 - HAZARDONS INGREDIENTS/IDENTITY         Hazardous Component:       .CAS No.:       Ne. ()       OSHAC         SUDIUM NITPITE       7537-00-0       40       ND         Notified per 33.       M4 600 per 33.       M4 100 INTRESSED       1, 3         Inite to can react with certain anines to form Nitrobeshines*(SEE MEA       ECTION 3 - PMYSICAL & CHEMICAL CHARACTERISTICS         Point F:       ND       Specific Gravity (H20x1): 1.25-         Super Transity (Airs1): ND       () () () () () () () () () () () () () (	EMERGENCY TELEPHONE NUMBERS 1-713-431-2561 1-800-424-9300 (CHEMTREC	3130 FM 521 Fresho TK 77545
Hazardous Component;       CAS No.       Ne.1.       OCHA(         SODIUM N(TD)TE       7537-00-0       10       ND         Brates a chemical subject to the reporting requirement of SMM litle III mettine discipation:       1, 3       ND         Brates a chemical subject to the reporting requirement of SMM litle III mettine discipation:       1, 3       ND         M 40 68 part 112.       SMM 1111 Metric Sergeries:       1, 3         Nitrites can react with certain anines to form Nitrosemines*(SEE HEA       ECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS         Becling Point, F:       ND       Specific Gravity (H2Osi): 1.25-         Appon Density (Ainel): ND       Evaporation Rate:       ND         MH:       2 8-9 3       Viscosity:       8 CPS         Solubility in Water:       SOLUBLE       Noperance and Odor:       7ARK BLUE LIGUID WITH MILD ODOR         SECTION 4 - FIRE & ExpLOSION DATA       Example:       NA       UEL.%         Harmaterial may burn, but does not readlly ignite. Product would be fire heared only if dried to a pouder by boiling pff water.       XTINGUISHING MEDIA:         Nonterine from fire area if you can do it without nisk, Apply cooling of Sontainer from fire area if you can do it without nisk, Apply cooling of Sontainer from fire area if you can do it without nisk, Apply cooling of Sontainer from fire area if you can do it without nisk, Apply cooling of Containers if the the tender fire area if you can do it with		Trade Name: GAS TREAT 102 Chemical Family: INORGANIC SALTS
SODILIM NITPITE       7537-00-0       40       ND         Breates a cheaical subject to the reporting requirements of SMA litle III Matter Gatagetist:       1, 3         SMA 40 (FE part 112.       SMA Title III Matter Gatagetist:       1, 3         Nitrites can react with certain amines to form Nitrosemines*(SEE MEA       SECTION 3 - DHYSICAL & CHEMICAL CHARACTERISTICS         Solling Point. F:       ND       Specific Gravity (H20x1): 1.25-         Mapon Pressure (mm Hg):       ND       Evaporation Rate:       ND         Solubility in Water:       SOLUBLE       ND       (butyl accetater1)         M:       8 8-9 3       Vigcosity:       8 CPS         Solubility in Water:       SOLUBLE       ND       (butyl accetater1)         M:       8 8-9 3       Vigcosity:       8 CPS         Solubility in Water:       SOLUBLE       ND       (butyl accetater1)         M:       8 8-9 3       Vigcosity:       8 CPS         Solubility in Water:       SOLUBLE       ND       ND         Section 4 - FIRE & EXPLOSION DATA       Section: NA       UEL, %       ND         FIRE HAZARDS:       Fire hered only if dried to a powder by boiling off water.       Section from from from from from from from from	NTITY	SECTION 2 - HAZARDOUS INGREDIENTS/I
Breates a cheaical subject to the reporting requirements of SAM Hille III mettion file fills and 0 GR part 112. Sam Hile III Mature Categories: 1, 3 INTELEGO CAN PAYSICAL & CHEMICAL CHARACTERISTICS Boiling Point. F: ND Specific Gravity (H2Dai): 1.25- Appor Pressure (mm Hg): ND Evaporation Rate: ND Vapor Density (Airs1): ND (butyl acetster)) H: 28-9 3 Viscosity: 8 CPS Bolubility in Water: SOLUBLE Hyperance and Odor: TARK BLUE LIGUID WITH MILD ODOR SECTION 4 - FIRE & EXPLOSION DATA Fire HAZARDS: his material may burn, but does not readily ignite. Product would be if fire heared only if dried to a powder by boiling Diff water. XTINGUISHING MEDIA: lood fire area with water; do not use dry chemical, GO2 or Helon. Me ontoiner from fire area if you can do it withdut risk. Apply cooling o sides of container; the two evolution to the diffed to a powder by the diffed to apply cooling o sides of container; the two evolutions to fire diffed to a powder by the diffed to apply cooling o sides of container; the two evolutions to fired the diffed to apply cooling to fired the diffed to a powder by boiling big water. ACCENTINGUISHING MEDIA: lood fire area with water; do not use dry chemical, GO2 or Helon. Me ontoiner from fire area if you can do it without risk. Apply cooling o sides of container; the two evolutions to fired to apply cooling to fired the diffed to a side the diffed to apply cooling to fired the diffed to a side the diffed to a powder by boiling big fired to a powder to fired the diffed to a side the diffed to a powder by boiling big fired to a powder by boiling big water. XTINGUISHING MEDIA: lood fire area with water; do not use dry chemical, GO2 or Helon. Me	S No. N+ & Ogha(Pet	Hazardous Component;
Mar Die Die       SAM This (II Name Gatgeries: : : : : : : : : : : : : : : : : : :	37-00-0 40 ND	SODIUM NITRITE
Max Disput DA.       SAM This III Name Gatgoriss: : : : : : : : : : : : : : : : : : :		
In W Dr print       SARA Title (II Name Gatgoriss: : : : : : : : : : : : : : : : : : :		
<pre>oiling Point. F: ND Specific Gravity (H2Ox1): 1.25- apor Pressure (mm Hg): ND Evaporation Rate: ND apor Dansity (Air=1): ND (butyl acctster1) H: 2 8-9.3 Viscosity: 8 CPS olubility in Water: SOLUBLE ppearance and Odor: 74RK BLUE LIGUID WITH MILD ODOR ECTION 4 - FIRE &amp; EXPLOSION DATA  ECTION 4 - FIRE &amp; EXPLOSION DATA  IAsh Point, F &amp; Method Flammable Limits: LEL, ND UEL, * NONE PMCC Based on: NA  IRE MAZARDS: his material may burn, but does not readily ignite. Product would be fire hazard only if dried to a powder by boiling off water.  XTINGUISHING MEDIA: lood fire area with water: do not use dry chemical, GD2 or Halon. Me ontainer from five area if you can do it without risk. Apply cooling o side of contaners to the area is a powder to dithout risk. Apply cooling o side of contaners to the area is a powder to dithout risk. Apply cooling o side of contaners to the area is powder to dithout risk. Apply cooling o side of contaners to the area is powder to dithout risk. Apply cooling o side of contaners to the area is powder to dithout risk.</pre>	ARE TITLE IT HEREE CARRIED - 1 2	End of Gra part 272.
<pre>apon Pressure (mm Hg): ND Evaporation Rate: ND apon Dansity (Airel): ND (butyl acctater)) H: 2 8-9.3 Viscosity: 8 CPS olubility in Water: SOLUBLE presnance and Odon: DARK BLUE LIQUID WITH MILD ODOR ECTION 4 - FIRE &amp; EXPLOSION DATA Lash Point, F &amp; Method Flammable Limits: LEL,% ND UEL,% NONE PMCC Based on: NA IRE MAZARDS: his material may burn, but does not readily ignite. Product would be fire hazard only if dried to a powder by boiling off water. KTINGUISHING MEDIA: lood fire area with water; do not use dry chemical, CD2 or Helon. Mo ontainer from fire area if you can do it without risk, Apply cooling o sides of containers to part above and the information of the part of the</pre>	CTERISTICS	ECTION 3 - PHYSICAL & CHEMICAL CHA
<ul> <li>8 -9.3 Viscosity: 8 CPS</li> <li>olubility in Water: SOLUBLE</li> <li>ppearance and Odor: DARK BLUE LIQUID WITH MILD ODOR</li> <li>ECTION 4 - FIRE &amp; EXPLOSION DATA</li> <li>lash Point, F &amp; Method Flammable Limits: LEL, ND UEL, NONE PMCC Based on: NA</li> <li>IRE MAZARDS:</li> <li>his material may burn, but does not readily ignite. Product would be fire hazard only if dried to a powder by boiling off water.</li> <li>XTINGUISHING MEDIA:</li> <li>lood fire area with water; do not use dry chemical, GD2 or Malon. Methods from fire area if you can do it without risk, Apply cooling of formations.</li> </ul>		apor Pressure (mm Hg): ND apor Dansity (Air=1): ND
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lood firs area with water; do not use dry chemical, GD2 or Halon. Mo ontainer from fire area if you can do it without risk. Apply cooling o sides of containers that are exposed to first.	•	
ut. Stay away from ends of containers.	b it without risk, Apply cooling wa	lood firs area with water; do not a ontainer from fire area if you can o sides of containers that are aver
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UISUITEL INow MexicoP.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 Orig Plus 1 Copy to appropria District Offic
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97017.
<ol> <li>RCRA Exempt: yES Non-Exempt: DATE: Z-3-97</li> <li>Verbal Approval Received: YES No By: DENNY FOUT</li> <li>Management Facility Destination <i>TIEREM Environmental Camptation Facility - Clouth M-SA</i> Address of Facility Operator <i>42/ CL 3/00 Azteo N/M 87410</i> Location of Material (Street Address or ULSTR) <i>HG CL SOUG Baom Held Nm 5-3, T-29N. R-ilw SAWSim</i> <u>9 Check One         </u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a contribute of origin. No waste child will be approved. Box approved. He approved. Autor of origin. No waste child by necessary Will be approved. Autor of origin. No waste child by necessary Autor of origin. No waste child by approved. Autor of origin. No waste child by approved. Autor of origin. No waste child by necessary Autor of origin. No waste child by necessary Autor of origin. No waste child by approved. Autor of origin. No waste child by necessary Autor of origin. No waster child by necessary Autor of origin. No waster child by necessary Autor of origin. No waster child by necessary</li></ol>	6. Transporter <u>HARVEY</u> Johnson Enterpeis. 8. State <u>NEW Mexico</u> ertificate of waste from the Generator: one ssary chemical analyses to prove
Estimated Volume <u>400</u> yd <sup>3</sup> Known Volume (to be entered by the operat	- injection operations That no veco- mis Filled
SIGNATURE Recin William TITLE Environmental Spec	14/15/ DATE <u>2-3-97</u>

TYPE OR PRINT NAME BLAIN WILL	Âmς TEL	EPHONE NO(505) 334-8894
(This space for State Use)	<u> </u>	· · · ·
APPROVED BY W 2. w	TITLE Geolog 15T	date <u>2/5/97</u>
APPROVED BY	TITLE	DATE 2-5-97

TITLE -

		~
APPROVED	BY	

DATE	2-5-	97

## 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-29N R- 1/W 1/4 1/4 County 5 State NM Physical Address if appropriate: # 6 CR 5046 Bloom field NM

Source and description of waste:

\_\_\_\_\_Solid's mixED with soil from waste water injection

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

IED MAMMONAS representative T Disposal for Asim

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 Printed Name 12 2017 7:-> Title Date ~

<u>District 1</u> (505) 353-0101 P.O. Box 1940 Hobbs, NM 88241-1980 <u>District Π</u> (505) 748-1283 811 S. First Artesia, NM 88210 <u>District III</u> (505) 334-6178	New Mexico Energy Minerals and Natural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505	Department
1000 Rio Brazos Road Aztec, NM 87410 <u>District IV (505) 827-7131</u>	(505) 827-7131	Plus 1 Copy to appropria District Offic
	REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 97003 9500
1. RCRA Exempt: ye	Non-Exempt: DATE: 2-19-97	4. Generator
Verbal Approval Rec		SUNCO DISDOSAN
2. Management Faci		5. Originating Site
115000 Environme		CRouch Meson Dispusse
3. Address of Facility	-	6. Transporter
970 CE 310	O Acter Nm 67410	Sime o Trucki
	al (Street Address or ULSTR)	8. State
	9-R1zw	Nm
9. <u>Check One</u>		· · · · · · · · · · · · · · · · · · ·
A. All requests t certificate per	or approval to accept oilfield exempt wastes will be accompanied by a c job.	ertificate 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:	Society collected from water injection
DECEIVED R FEB 2 1 1997	Societs collected from water injection operations prior to the class & permit
ON CON. DIV. Dirt. 3	no record misfilled
Estimated Volumeyd <sup>3</sup>	Known Volume (to be entered by the operator at end of haul):yd 3
SIGNATURE Bai willa	_ TITLE <u>Environmental SPECIALIST</u> DATE <u>ZM9-97</u>
TYPE OR PRINT NAME BLAINE WILL	TELEPHONE NO 334-8894
(This space for State Use)	
	TITLE Geologist DATE 2/21/97
APPROVED BY June Basel	TITLE Geologist DATE 2/24/97

## 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>Z</u>T-<u>79</u>R-1<sup>2-1</sup>/4<sup>\*</sup><u>NW</u>1/4<u>9</u>WCounty <u>5</u>, <u>5</u>, <u>5</u> State <u>N</u><u>M</u> Physical Address if appropriate:

Source and description of waste:

Solids Removed FROM WATER STORAGE PITS

Solid, generated prior to Reciency Cluss I Pormit

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

representative

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is \_\_\_\_\_ Exempt \_\_\_\_\_ 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 1-46

Signature Printed Name MICHAPL Title DISPOSAL MG Date 2 -

PO Pay 1940 New Mexico	гугш С-1.
Hobbs, NM 88241-1980 Energy Minerals and Natural Resources 1	
District II (505) 748-1283 811 S. First Oil Conservation Division	•
Artesia, NM 88210 2040 South Pacheco Street	Submit Origi
District III         (505) 334-6178         Santa Fe, New Mexico         87505           1000 Rio Brazos Road         (505) 827 7121	Plus 1 Copy to appropriat
Aziec, NM 87410 (505) 827-7131	District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9705-7
1. RCRA Exempt: X Non-Exempt: DATE: 12-15-97	4. Generator
Verbal Approval Received: (es) No By A. Forst	NORTHIAND ROYALTY
2. Management Facility Destination	5. Originating Site
TIERRA EnvironmenTAL Co. Inc. LAMOFARM	Philmo Uto #1
3. Address of Facility Operator	6. Transporter
420 CR 3100 Aztec NM 87410	Foutz Const.
7. Location of Material (Street Address or ULSTR)	8. State
SWSE Sec 16 T 32N RITW	Coloesan
9. Check One	CUTCEAND
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 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.
BRIEF DESCRIPTION OF THE MATERIAL: MATERIAL FROM	
BRIEF DESCRIPTION OF THE MATERIAL: MATERIAL FROM SE AND TRUK BOHOMS	parator pit
THUE BOTTOMS	·
DECEIVED	
OIL COM. DIV.	·
Estimated Volume	or at end of baul): vd <sup>3</sup>
SIGNATURE BR Willittle Env. Specialis	DATE 12-15-97
	ONE NO. (505) 334-8894
	UNE NO(303) 334-3074
(This space for State Use)	raderaje prizati
APPROVED BY Demy G. Tom TITLE GEOLOGIST	DATE 12/30/97
APPROVED BY Shanna TITLE DI + Gas Insner	
MEROVED DI AUMANAUMAN IIILE OII + 6-25 LASPECT	<u> </u>

and the cherry statements and

# CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: NorTh Land RoyaLTY	2. Descination Name:
3030 ATH AVE MOTTA	THEREA ETIVINOMENTAL COMPONY ENC.
Billings. WonTana 59/01	
J. C. Carriero Site (nemo):	Location of the Wests (Street address &/or ULSTR);
well No phitmo use #1	SWOE Suci6 32N 17W Montazunia Co. Colorado
Arrow list of edicinating sites on concentration	
material From Seporator Hit	OILY DILT
Pull Tank Bottoms	
1	
1. Louisll Latoon	representative for:
(Print Name)	
Triad Woofstn (Prim Nems) Seconding to the Resource Constructors and Recover	do hereby continy that, iny Act (RCRA) and Environmental Protestion Agency's July,
Triad Wostern (Print Name) Triad Wostern Constructors according to the Resource Concervation and Resource 1988, requistory determination, the above described X EXEMPT eiffield waster NON-DIES	do hereby continy that, iny Act (RCRA) and Environmental Protostion Agency's July,
Triad Wostern (Print Name) Triad Wostern Constructors according to the Resource Conservation and Resource 1988, requistory determination, the above described X EXEMPT eiffield waste	do hersby consity that, iny Act (RCRA) and Environmental Protostion Agency's July, waste is: (Check expression obsetfication) WPT alfield waste which is non-hezardous by characteristic r by product identification

Name (Original Signature): Farrell Lan BURLAVISON Title: \_

12-16. Date:

· · · ·	
Insure: 1(505) 373-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation Division	Criginated 4/18/95
Artesia, NM 88210 2040 South Pacheco Street	Submit Origina:
District III         (505) 334-6178         Santa Fe, New Mexico         87505           1000 Rio Brazos Road         (505) 827-7131	Plus 1 Copy to appropriate
Aztec, NM 87410 (505) 627-7131	District Office
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 97051
1. RCRA Exempt: X Non-Exempt: DATE: 12-15-97	4. Generator
Verbal Approval Received: Yes No By: 1- Forst	NORTHLAND RoyAlty
2. Management Facility Destination	5. Originating Site
TIDERA Environmental Co Two LANDFARM	UHE 1-21
3. Address of Facility Operator	6. Transporter
420 CR 3100 Aztoc NM 87410	Foutz CONST.
7. Location of Material (Street Address or ULSTR)	8. State
NW NE Sec 21 TIJEN R 17W	Colo PA AD
9. <u>Check One</u>	·
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 o 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: MATERIAL FROM S	eparator pit
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operation	tor at end of haul):yd <sup>3</sup>
SIGNATURE BRANCHE TITLE ENV. SPECIAL	DATE 12-15-97
TYPE OR PRINT NAME BLAINS Williams TELEPH	IONE NO(505) 334-8894
APPROVED BY Damp Br Dam TITLE Geologist APPROVED BY John Rolinson TITLE Deputy 0.14675 The	DATE <u>12/30/9&gt;</u> Necton DATE <u>12-31-97</u>

09/1995 09:45	970-5F <sup>-</sup> -410	TRIAD WESTERN			PAGE
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Generator Name an North Land	Address:	2. Destination Name:	·····		·····
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	mTana 59101				
Originating Site (ne		Location of the Weste (8	areas address i	lar 18 ETD	
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Anos Maginization	tion of Weste	NW NE SOC ZI MonTezuma	County C		2
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Material F	tion of Woods How Separator 2+50 m	NWNE Soc ZI Non Tozuma 17: TOiL	County C Y 13, +T 	lo konad c	
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SAN JUAN R A

7 10:53 No.001 P.02 געש אש געש

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410

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203851375



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

I have revi	wed the enclose	d information conce	rning RCR	LA exempt mat	arial gener	ated at:	•
and a design to the second		I III MO UTE I	トルメビ	Sec. 16-32 Sec. 21 - 32	N - 1740	MUNITZUMA	County, CC,
bv:	•	IND ROYALTY					county, CO.
and the second secon			E:11)	nos Montan	4 59101		

## As a representative of ;

Agency BUREAU OF LAND MANAGEMENT, San Juan Recource Avien 201 Caming Rel Rio, Durango, CO. 81301/Phone: (9>0) 247-4874

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

Name;	Impounds	Title:(	Inerols Steph Chyl	
Signature:	I Am tarto	Date:	12/15/97	
Phone: (970)	247-4894 F	n: (9>0) 385-1375		

· · ·		
_ <u>UNU_(1 (</u> (303) 330-0401		
P.Of Box 1940 New Mexico	D	FULILLA -
District II (505) 748-1283 811 S. First Energy Minerals and Natural Resources Oil Conservation Division	Department	
Ariesia, NM 88210 2040 South Pacheco Street District III (505) 334-6178 Santa Fe, New Mexico 87505	RECEIVED	Submit ()r Plus 1 Cop
Artee, NM 87410 (505) 827-7131	DEC 09 1997	to appropr District Or
<u>District IV</u> (505) 827 7131	Environmental Bureau	JISU AT CA
REQUEST FOR APPROVAL TO ACCEPT SC	Dir Conservation Division	1549
1. RCRA Exempt: Non-Exempt: X DATE: /2-3-97	4. Génerator	· ·
Verbal Approval Received: Yes No X By:	Budhacton Res	arearer
2. Management Facility Destination	5. Originating Site	TECTS
TIEREA Enveronmental handfarm Crouch MESA	Pipeline Right	of way
3. Address of Facility Operator	6. Transporter	
420 CR 3100 Aztoc NM 87410		
7. Location of Material (Street Address or ULSTR)	8. State	
NW NE 5-24 - T30N - R9W	NOW MERICO	
9. <u>Check One</u>		
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a companied by a compan	ertificate of waste from the General	tor: one
B All requests for approval to accept non-exempt wastes must be accomanied by nece	ssary chemical analyses to prove	
the material is non-nazardous and the Generator's certification of origin. No waste ci will be approved.	assified as hazardous by listing or t	esting
All transporters must certify that the wastes delivered are only the	ose consigned for trac	isport
		1.24 - 24 - 25 - 25 - 25
BRIEF DESCRIPTION OF THE MATERIAL:		
DECEIVED Spills / lenks during DEC - 3 1997 Construction	Sail trom	
DECEIVED Spills / leaks during	Pipeline	•
UN DEC - 3 1997 Constauction		
OIL CON. DIV.		
DISL 3		
Estimated Volume	or at end of haui):	yd -
20.100		
SIGNATURE Jui Ulle TITLE Project MANAGE	•	,
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPH	ONE NO. (505) 334-8	894
(This space for State Use)		
APPROVED BY DEMY 2, Tent TITLE GEOLOGIST	DATE 12/3/	97
APPROVED BY Martyn & Mily, TITLE Env Geologist	DATE 12/9/9	7
	······	

P.O. Box 1940 New Mexico	голи С-
Hobbs. NM 38211-1980 Energy Minerals and Natural Resources	Department
Bill S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	
District III (505) 334-6178 Santa Fe, New Mexico 87505	Plus 1 Cor
Aziec. NM 87410 (505) 827-7131	Discrict O:
REQUEST FOR APPROVAL TO ACCEPT SC	LID WASTE 970549
1. RCRA Exempt: Non-Exempt: X DATE: /2-3-97	4. Generator
Verbal Approval Received: Yes No X By:	Buelington Resources
2. Management Facility Destination	5. Originating Site
3. Address of Facility Operator	PIPELINE Right of Way
	6. Transporter
420CR3100AztecNM874107. Location of Material (Street Address or ULSTR)	8. State
NW NE 5-24 - T30N - R9W 9. Check One	NEW MEXICO
	4 d <b>7</b> d
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
(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 the	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	
DECEIVED Spills / leaks during DEC - 3 1997 Construction	Soil From
DECEIVED Spills / leaks during	Dipolina
NEC - 3 1997 Constant time	1 100000
OIL CON. DIV. DIST. 3	
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd ³
$\frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}$	
SIGNATURE Dei VOL TITLE Project MANAGAGE	
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPHO	ONE NO(505) 334-8894
(This space for State Use)	· · · · · · · · · · · · · · · · · · ·
APPROVED BY Denny 3. Fourt TITLE Geologist	DATE 12/3/97
	DATE

# CERTIFICATE OF WASTE STATUS

DEC 01'97

326-9725

:

1. Generator Nan	nc and Address;	2. Destination Name:
DIDI DI		
	FON RESOURCES F 30th STREET	Ticrra Landfarm
-	5TON, NM 87402	
3. Originating Sit	ic (namc);	Location of the Waste (Street address &/or
Pipeline Right of	Wav	ULSTR):
		NW NE Section 24 - 130N - R9W
		San Juan County, NM
Attach list of originating	g sites as appropriate.	
	scription of Waste:	
Diesel contaminate construction.	ed soil. Soil from cleanup of vari	ious small diesel spills/leaks during pipeline
construction.		· · ·
×	Ed Hasely	representative for:
	BURLINGTON RESOUR	CES do hereby certify that
coording to the Rea		ry Act (RCRA) and Environmental Protection
Agency's July, 1988		
EXEMPT oil		NON-EXEMPT oilfield waste which is non-
		NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product
		NON-EXEMPT oilfield waste which is non-
		NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product
EXEMPT oil	field waste X	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product
EXEMPT oil	field waste X	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification
EXEMPT oil	field waste X	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification
EXEMPT oils	field waste X s been added to the exempt or no F waste only the following docur	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above.
EXEMPT oils and that nothing has for NON-EXEMPT MSDS Inform	field waste X s been added to the exempt or no F waste only the following docur nation	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification
EXEMPT oils	field waste X s been added to the exempt or no F waste only the following docur nation dous Waste Analysis	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above.
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EXEMPT oils and that nothing has for NON-EXEMPT & MSDS Inform RCRA Hazar Chain of Cus	field waste $X$ a been added to the exempt or no $\Gamma$ waste only the following docur nation dous Waste Analysis tody $\int Q' f f$	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above.
and that nothing has For NON-EXEMPT K MSDS Inform RCRA Hazar Chain of Cus Vame (Original Signatur	field waste X s been added to the exempt or no F waste only the following docur nation dous Waste Analysis tody re): <u>EMAreM</u>	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above. nentation is attachod (chock appropriate items): Other (description):
EXEMPT oils and that nothing has for NON-EXEMPT & MSDS Inform RCRA Hazar Chain of Cus	field waste X s been added to the exempt or no F waste only the following docur nation dous Waste Analysis tody re): <u>EMAreM</u>	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above.
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EXEMPT oils and that nothing has for NON-EXEMPT K MSDS Inform RCRA Hazar Chain of Cus Jame (Original Signatur	field waste X s been added to the exempt or no F waste only the following docur nation dous Waste Analysis tody re): <u>EMACEM</u> <u>SR STAFF ENVIRONME</u>	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above. nentation is attachod (chock appropriate items): Other (description): ENTAL REPRESENTATIVE
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EXEMPT oils and that nothing has for NON-EXEMPT MSDS Inform RCRA Hazar Chain of Cus Jame (Original Signatur Vitle: Date:	field waste X s been added to the exempt or no F waste only the following docur nation dous Waste Analysis tody re): <u>EMACEM</u> <u>SR STAFF ENVIRONME</u>	NON-EXEMPT oilfield waste which is non- hazardous by characteristic analysis or by product identification on-exempt non-hazardous waste defined above. nentation is attachod (chock appropriate items): Other (description): ENTAL REPRESENTATIVE

11:17 No.002 P.02 #

RIDIAN-FARMINGTON	05-326-9725 05-326-9811	DEC ר ר? 11:18 No NDV 2 12:52 No.0	.002 P.03 01 P.01
(conoco)			
Conoco Ino.			م يوند معلم به مريك من
GASCO220	Revised 14-Au	g-91 Printed 87-Jan-	
R	No. 2 Diesei F	uel	and the contract of the contra
MATERIAL IDENTIFICATION			-
Manufacturer/Distributor	Conoco Inc. P.O. Box 2197 Houston, TX 77252		•
Phone Numbers	General Information Transport Emergency Medical Emergency	1-(713)293-5550 1-(800)424-9300 1-(800)441-3837	
Trade Names and Synonyms	Diezel Fuel, No. 2 Diezel Fuel LC Diezel Fuel LS, No. 2	•	· · · · · · · · · · · · · · · · · · ·
·	3502, 3503, 3504, 3508,	3510. 3542	
THE MURICIPAL	66476-34-6	با به د برد. م <u>ی میکور می ورد کرد م</u> ورد م	•
NFPA Ratings	Health: 0 Flammability: 2 Reactivity: 0		
NPCA-HMIB Ratings	Health: 1 Flammability: 2 Reactivity: 0 Personal Protection ratin conditions.	g to be supplied by user depending on u	90
WHMIS Classification	CLASS B Division 3 : Co CLASS D Division 2 Sub Effects.	mbustible Liquid division B : Toxic Material. Chronic Toxi	ka 
OSHA HALARD DETERMINA	TION		-
Hazaidous Ingradients		CAS Number Percent	
Diesei Fuel, No. 2		68478-34-8 100	
	8 copies		•••••
• i     		Decen	25 21
· · · · ·		DAT DEC - 3	1997 U
		OLL CON.	

#### PHYSICAL DATA

Boiling Peint	350 to 680°F
Vapor Pressure	1 mm Hg &t 69°F
Vapor Density	>1 (Air = 1.0)
% Volatiles	(by volume) Nil
Water Solubility	Insoluble
Odor	Aromatic
Ferm	Liquid
Çolar	Clear or light yoilow
Specific Gravity	0.85-0.93 (Water = 1)

## HAZARDOUS REACTIVITY

Instability	Stable.
Incompatibility	Incompatible with oxidizing materials. Avoid heat and flame.
Decomposition	incomplete combustion may produce carbon monoxide.
Polymerization	Palymerization will not occur.

## FIRE AND EXPLOSION DATA

Flash Point	130°F
Method	TCC
Flammable Limits in Air, % by Volume	LEL 0.4 UEL B
Autoignition	494°F
Fire and Explosion Hezards	Vapor forms explosive mixture with air. Vapors or passe may travel considerable distances to ignition source and flash back. Class II Compustible Liquid (NFPA).
Eminguishing Media	Water Spray. Foam. Dry Chemical. CO2.
Special Fire Fighting Instructions	Special Fire Fighting Procedures: Use water to keep fire-exposed containers cool. If leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a teak. Water spray may be used to flush spills away from exposures.
	Unusual Fire and Explosion Hazards: Products of combustion may contain carbon monoxide, carbon dioxide and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

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N-FHRMINGTON MERIDIAN WHSE TD:505-326-9725 505-326-9811 DEC 02'97 11:19 No.002 P.05 NOV 2 ' 12:53 No.001 P.03

#### HEALTH HAZARD INFORMATION

Acute Toxisity Toel	Data
Inhalation Skin	
Skin	
Orai	

No Information Available. Extremely irritating; no mortality at 5 ml/kg in rabble LD50 at 9 ml/kg in rats

Primary Routes of Exposure/Entry: Skin. Inhalation.

Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:

It is highly unlikely that human exposure at or below the recommended exposure level poses a significant health hauard. In this regard, good workplace practices and proper engineering designs will minimize exposure. Animal studies show that prolonged or repeated inhalation exposure to high concentrations of some petroleum distillates has caused liver tumors in mice and adverse kidney affects in male rats. However, kidney effects were not seen in similar studies involving femele rats, guinea pigs, dogs, or monkeys. Also, human studies do not indicate this peculiar sensitivity for kidney damage. The significance of liver tumors in mice is highly speculative and not a good indicator for predicting a potential human health hasard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range of 100-700 deg F: naphtha, jet fuel, dissal fuel, karosane, sto.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation cell damage, atc.) may play a role in the humorigenic response. A few studies have shown that washing the animal's skin with scap and water between treatments greatly reduces the carcinogenic effect of some petroleum cils.

Studies in mice and rats have shown that chronic exposure (S hours/day, 7 days/week, 24 months) to unfiltered diesel anhaust produced custs of the long and also lymphones. On the basis of these studies, NYOSH recommends that whole diesel exhaust he regarded as a potestial cardinogen.

The product contains petroleum hydrocarbons, and as with many petroleum products, it may cause irritation to the eyes, lungs or skin after prolonged or repeated exposure. Entrems exposure or aspiration into the lungs may cause phaumonia. Overexposure may cause wakness, headache, nauses, confusion, blurred vision, drowsiness in other nervous system effects; greater exposure may cause dissiness, slurred speech, flushed face, unconsciousness or convulsions.

Carbon monoride is a gas that can result from incomplete combustion of hydrocarbons, from detoxification of some chemicals like methylens chloride, tobacco emoke, and even from natural body processes. Carbon monoride binds tightly to hemoglobin and interferes with oxygen transport to body tissues, Overexposure can cause beadache, neusas, nervous system depression, come, and death.

(continued)

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Page 3

MERIDIAN-FARMINGTON MERIDIAN WHSE

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TD:505-326-9725 305-326-9811 DEC 00197 11:19 No.002 P.06 NDV 2 12:53 No.001 P.04

#### HEALTH HAZARD DIPORMATION (OUTBILLION)

	Carolnogenicity	None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.		
Exposure Limits No. 2 Diesel Fuel TLV (AOGIH) PEL (OSHA)	None Established None Established			
	Salety Precautions	Wash thoroughly after handling. Wash clothing after use.		
FU	et ad			
	Inhalation	It inhaled, remove to fresh air. If not breathing, give artificial respiration. It breathing is difficult, give oxygen. Call a physician.		
	Skin Contact	Flush skin with water after contact. Wash contaminated clothing before reuse.		
	Eye Control	in case of contact, immediately flush eyes with planty of water for at least 15 minutes. Call a physician.		
	Ingestion	It swallowed, do not induce vomiting. Immediately give two glasses of water. Never give anything by mouth to an unconscious person. Call a physician.		
	Notes to Physician	Activated charcoal slurry may be administered. To prepare activated charcoal slurry, suspend 50 grams activated charcoal in 400mL water and mix thoroughly. Aureinister 6mL/kg, or \$50mL for an average adult.		

## PROTECTION INFORMATION

#### Generally Applicable Control Measures and Precautions

Use only with adequate ventilation. Keep away from heat, sparks and flames. Keep container tightly closed. Ground container when pouring.

Personal Protective Equipment

Respiratory Protection: Select appropriate NIOSH-approved respiratory protection when needed to avoid inhatation of mist or vapors and to maintain exposures below acceptable limits.

Protective Gloves: Impervious gloves, such as neoprene or NBR, should be worn when the patential oxiets for prolonged or repeated skin exposure.

Eye Protection: Chemical goggles required when exposed to spray or mist or if splashing is probable.

Other Protective Equipment: Coveralls if splashing is probable. Launder contaminated clothing before rouse.

(continued)

GABC0220

Page 4

MERIDIAN-FARMINGTON MERIDIAN WHSE	505-326-9725 505-326-9811	 11:2 12:54	
spill, leak and dispos	L INFORMATION		·

Spill, Leek, or Holeczo	NOTE: Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other abcorbent material. Shove) or sweep up.
· .	Remove source of heat, sparks, flame, impact, friction or electricity, including Internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion-proof and suitable for flammable liquid and vapors.
	NOTE: Vepors released from the spill may create an explosive atmosphere.
Waste Disposal	Treatment, storage, transportation and disposal must be in accordance with applicable Federal. State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.
· · · · ·	By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

## SHIPPING INFORMATION

**.**...

DOT Proper Shipping Name	Diesel fuel or fuel oil
Hazard Class	
UN/NA NO.	NA 1603
DOT Labeis(e)	None
DOT Placend	Combustible
IATA/MO Proper Shipping Name	Gas Oil
Hazard Class	3 (IMO 3.3)
UN No.	UN 1202
IMO/ICAO Labai	Flammable liquid
Special Information	Not restricted over 140 deg F
Paokaging Group	10
TD9 Proper Shipping Name	Gas Ol
tain ki- v sic v uni	UNE TEUR
TDG Class	3.3
	TDG: If fissh is >100 deg F, then not regulated.

(beunithoo)

MERIDIAN-FARMINGTON MERIDIAN WHSE ID:505-326-9725 505-326-9811 DEC ^ '97 11:20 No.002 P.08 NOV 12:54 No.001 P.06

#### STORAGE CONDITIONS

Store in well ventilated area. Keep container tightly closed. Store in accordance with National Fire Protection Assn regulations.

#### TITLE III HAZARD CLASSIFICATIONS

•	Acute	Yes	
	Chronic	Yeb	· · · · · · · · · · · · · · · · · · ·
	Fire	Ves	
	Reactivity	No	
	Pressure	No	

#### REGULATORY INFORMATION

#### OBHA HARARD DETERMINATION

The material is heserdous as defined by OENA's Heserd Communication Standard, 29 CFR 1910.1200.

#### EPA DETERMINATIONS

COMPARHENBIVE ENVIRONMENTAL, RESPONSE, COMPANSATION, 4 LIABILITY ACT (CERCLA/SUMERFUND), 40 CFR 302 Not Applicable

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986, TITLE III (SARA) - SECTION 302, 304, 313

Section 302/304 - Extramely Hasardous Substances (40 CFR 355)

The material is not known to contain extremely hasardous substances at greater than 1.08 concentration: however, it is possible that this material may contain extremely hasardous substances at a lower concentration so that a hasge enough spill could variant an Emergency Release Report under Section 304.

Section 313 - List of Tomic Chemicals (40 CFR 372) The material is not known to contain any chemical (s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TOXIC SUBSTANCES CONTROL AUT (ISCA) This material is in the ISCA Inventory of Chemical Substances (40 OFR 710) and/or is otherwise in compliance with ISCA.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBSART C AND D The material, when discarded or disposed of, is not specifically listed as a hasardous waste in Federal segulations: however, it could be considered hasardous if it meets criteris for being toxic, corresive,

(continued)

CASCO220

Page 6

#### REGULATORY INFORMATION (continued)

ignitable or reactive according to U.S. EVA carinitions (40 CFR 261). This material could also become a hazardous wasts if it is mixed with or comes in contact with a listed hererdous wasts. If it is a hererdous waste, regulations 40 CFR 262-266 and 268 may apply.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 116.4A, Section 311 The material contains the following ingredient(s) which is considered hasardous if spilled in newigable waters.

Ing <b>redien</b> t Petroleum Hydrosarbon	84 173 183

Reportable Quantity Film or sheen upon or discoloration of the water aurface or adjoining shoreline

#### FORAIGN REGULATIONS

CANADIAN HAEARDOUG PRODUCTS ACT (WHMIS) WOULS classes : B3, D2B Emergency Medical Information : 1-613-348-3616 Transportation Emergency Number : 1-613-348-3616

#### STATE PEGULATIONS

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT CF 1986 ("PROPOSITION 55") The material is not known to contain ingredient(s) subject to the Act.

PENNSYLVANIA WORKER AND CONMUNITY RIGHT TO NNOW ACT This material contains the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Act Hasardous Substances List:

Ingredient : Diesel Fuel Gil CAR Registry Number : 58475-34-5 Category : Hatardous Substance

Mon-hazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of Pennsylvania Worker and Community Right to Know Act.

#### ADDITIONAL INFORMATION AND REFERENCES

Product Use : Notor Fuel

The above data are based on tests, experience, and other information which Conoco believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufactures. In these instances, Conoco, in good faith, relies on information provided by those third parties. Since conditions of use are outside our control, CONOCO DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM

(continued)

#### LIABILITY) BY CONOCO WITH RESPECT TO THE DATA. THE MATERIAL DESCRIBED, OR ITS USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO CONOCO.

**Responsibility for MSDS:** 

MSDS Administrator Conoco Inc. PO Box 2197 Houston, TX 77252 713/293-5550

End of MSD8

GASC0220

Ministry 10007 333-4101 PTD Box 1940New MexicoHubbs, NM 88241-1980Energy Minerals and Natural Resources I Oil Conservation DivisionDistrict II (505) 748-1283 811 S FirmOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street Santa Fe, New Mexico 87505Dioto Rao Brazos Road Artes, NM 87410(505) 827-7131	Department PCEN/CO DEC 0.3 1997 Environmental Bureau Oil Conservation Division
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: Non-Exempt: X DATE: 12-1-97	4. Generator
Verbal Approval Received: Yes No X By:	Four CORNERS AIR DR.11
2. Management Facility Destination	5. Originating Site
TIERRA Enviconmentor LomaFARM CROUCH MESA	Ford Corners YARA FRAM.
3. Address of Facility Operator	6. Transporter
420 CR 3100 Aztec NM 87410	· · · · · · · · · · · · · · · · · · ·
7. Location of Material (Street Address or ULSTR)	8. State
114 N. COCHITE FARMINGTON NM	NEW MEXICO
g <u>Check One</u>	
<ul> <li>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 civilible approved.</li> <li>All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL:</li> <li>Soic impracted with hydrocras Accumulated From yEARS of Accumulated From yEARS of Accumulated From yEARS of Accumulated From YEARS of Accumulated From YEARS.</li> </ul>	assified as hazardous by listing or testing ose consigned for transport.
Accumulatero Ferm yEARS OF MAINTENANCE. DEGENVER DEC - 1 1997 Estimated Volume _ 20 yd <sup>3</sup> Known Volume (to be entered by the operation	
201000	a francúský stranova se stalo se
SIGNATURE DE ULLE TITLE ENVIRONMENTER	
TYPE OR PRINT NAME ISLAINE WILLIAMS TELEPH	ONE NO. (505) 334-8894
(This space for State Use)	
APPROVED BY Wiemgroß time Geolocist	DATE 12/1/97
APPROVED BY Marting grand TITLE Geo log 15T	DATE 12/1/9)

.

District 1         District (2007) 393-0101           P.O. Box 1940         New Mexico	<b>LUTIN</b> -1 (Arguniter 17)X.0
Hobbs, NM 88241-1980 District II (505) 748-1283 Energy Minerals and Natural Resource	
District II(505) 748-1283Oil Conservation Division811 S. First2040 South Pacheco Street	
District III (505) 334-6178 2040 South Facheco Street Santa Fe, New Mexico 87505	Submit Ori Plus 1 Copy
1000 Rio Brazos Road Aztec, NM 87410 (505) 827-7131	to appropri.
<u>District IV</u> (505) 827-7131	District Offi
REQUEST FOR APPROVAL TO ACCEPT S	SOLID WASTE 9600
1. RCRA Exempt: Non-Exempt: X DATE: 12-1-97	4. Generator
Verbal Approval Received: Yes No X By:	Four CoeNERS AIR DRIV
2. Management Facility Destination	5. Originating Site
TIEREA Environmental LAMBFARM CROUCH MESA	Ford Coener NARD FARM.
3. Address of Facility Operator	6. Transporter
470 CR 3100 Aztec NM 87410	
7. Location of Material (Street Address or ULSTR)	8. State
114 N. CocHITE FARMINGTON NM	NEW MEXICO
9. Check One	
A. 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 n the material is non-hazardous and the Generator's certification of origin. No wast 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:	
Soil improtes with hydroc	Arbons that was
Accumulator From yEARS a	OF Equipment
Accumulators with hydroc Accumulators From yEARS o MAINTENANCE. DEGEII	/En
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the op	
30.100 -	
SIGNATURE DE UNE TITLE Environmenter	
TYPE OR PRINT NAME BLAINE WILLIAMS TELE	PHONE NO. 505) 334-8894
(Inis space for State Use)	• · · · · · · · · · · · · · · · · · · ·

(TUR shace lot	State User		
PPROVED BY	Demy S.	Fint TITLE Geolog	13T DATE 12/1/97
PPROVED BY	<i>V</i>	TITLE	DATE

PAGE

02

# **CERTIFICATE OF WASTE STATUS**

1. Generator Neme and Address:	2. Destination Name:
Four CORJERS AJR SERVICE 114 N. COCHITI	TEERRA LANDFELL-
FARMINGTONS, NEW MEXICO 87401	
3. Originating Site (name): FOUR CORNERS ARE SERVICE 114 N. COCHITI FARMINGTON, NEW MEXICO 87	Location of the Wasts (Street address &/or ULSTR):
Attach Bet of ordinating also as expression 4. Source and Observation of Wester Source from years of oil Soil impacted with pet Approximately 20 yards	
1, JOHN E. CASEY (Print Name) BASEJ ENGINEERING, JAC, on behalf of according to the Resource Conservation and Recov 1988, regulatory determination, the above described	representative for: <u>F. Four Corners Arc Service</u> do hereby certify that, ery Act (PICRA) and Environmental Protection Agency's July, I waste is: (Check appropriate clamification)
analysis (	HPT cilfield weste which is non-hazardous by characteristic or by product identification
and that nothing has been added to the country or n	
For NON-EXEMPT weste only the following docu MSDS Information ARCRA Hexadous Weste Analysis Chain of Custody	imentation is attached (check appropriate itema); <u>X</u> Other (description): TCLP BTEX TPH - DRO
Name (Original Signature)	ter p
Title: President	
Date: 11-24-97	



FARMINGTON LABORATORY

P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

® Certificate of Analysis No. 9710171-04

Basin Engineering, Inc.				:	
PO Box 389					
Farmington, NM 87499					
Attn: Tracy Watson		Date:	10/31/97		•
Aun. Hacy Walson	•	Dale.	10/3/19/	· ·	•
Project: Four Corners Air Service	····	Project No:	9726-01	. <u>.</u>	
Site: Cochiti 114N		Matrix:	Soil		·
Sampled By: T. Watson		Date Sampled:	10/30/97		· .
Sample ID: A3-S1		Date Received:	10/30/97		
Sample D. Ac-C1		Date Necelled.	10/30/31		
	Analytical Data			<u> </u>	
	,,	DETECTION			•
PARAMETER	RESULTS	LIMIT		UNITS	
Benzene	ND	1.0		μg/Kg	
Toluene	ND	1.0		μg/Kg	
Ethylbenzene	1.2	1.0		μ <b>g</b> /Kg	
Total Xylene	2.5	1.0		μg/Kg	
Total Volatile Aromatic Hydrocarbons	3.7			μg/Kg	
				1.0.0	
Surrogate	% Recovery				
1,4,Difluorobenzene	100				,
4-Bromofluorobenzene	50				
Method 8020					
Anayzed by: VHZ					
Date: 11/12/97					
Total Petroleum Hydrocarbons-Diesel	5.0	4.0		mg/kg	•
		• •			
Surrogate	% Recovery	·			
n-Pentacosane	84	•			•
Method Modified 8015A*** for	r Diesel				
Anayzed by: RR					
Date: 11/08/97	ι.				
				•	

 ND - Not Detected
 MI - Matrix Interference

 Notes:
 \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA

 \*\*Ref:
 Standard Methods for Examination of Water & Wastewater, 18th ed.

 \*\*\*Ref:
 Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lat Manager



FARMINGTON LABORATORY P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

® Certificate of Analysis No. 9710171-02

Basin Engineering, Inc.			· ·
PO Box 389 `			
Farmington, NM 87499			
Attn: Tracy Watson		Date:	10/31/97
	· .		
Project: Four Corners Air Serv	/ice	Project No:	9726-01
Site: Cochiti 114N		Matrix:	Soil
Sampled By: T. Watson		Date Sampled:	10/30/97
Sample ID: A2-S1		Date Received:	10/30/97
<b>-</b>			
الي من	Analytical Data		
		DETECTION	· ·
PARAMETER	RESULTS	LIMIT	UNITS
· · ·			
Benzene	ND	1.0	μg/Kg
Toluene	ND	1.0	μg/Kg
Ethylbenzene	1.3	<sup>·</sup> 1.0	μg/Kg
Total Xylene	3.7	. 1.0	μ <b>g</b> /Kg
Total Volatile Aromatic Hydrocarbon	ns 5.0	· · ·	μg/Kg
Surrogate	% Recovery		
1,4,Difluorobenzene	100		
4-Bromofluorobenzen	e 47MI		
Method 8020			
Anayzed by: VHZ		· ·	
Date: 11/12/9	97		
Total Petroleum Hydrocarbons-Dies	el 4.0	4.0	mg/kg
-			
Surrogate	% Recovery		
n-Pentacosane	90		
Method Modified 8015	5A*** for Diesel		
Anayzed by: RR			
Date: 11/08/9	97		
			•

ND - Not Detected

Notes:

MI - Matrix Interference

\*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed. \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Láb Manager



FARMINGTON LABORATOR

P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

® Certificate of Analysis No. 9710171-03

Basin Engineering, Inc. PO Box 389 Farmington, NM 87499 Attn: Tracy Watson

Date: 10/31/97

Project:	Four Corners Air Service	Project No:	9726-01	
Site:	Cochiti 114N	Matrix:	Soil	
Sampled By:	T. Watson	Date Sampled:	10/30/97	
Sample ID:	A2-S2	Date Received:	10/30/97	

· · · · · · · · · · · · · · · · · · ·	Analytical Data		
PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0.	μ <b>g</b> /Kg
Toluene	ND	1.0	μ <b>g/Kg</b>
Ethylbenzene	1.3	1.0	μg/Kg ∞
Total Xylene	2.5	. 1.0	μg/Kg
Total Volatile Aromatic Hydrocarbons	3.8	· · · ·	μg/Kg
Surrogate	% Recovery		
1,4,Difluorobenzene	100		· · ·
4-Bromofluorobenzene	53		
Method 8020			
Anayzed by: VHZ			
Date: 11/12/97			
Total Petroleum Hydrocarbons-Diesel	ND	4.0	mg/kg
Surrogate	% Recovery		
n-Pentacosane	92	•	
Method Modified 8015A*** fo	r Diesel		
Anayzed by: RR			
Date: 11/08/97			

ND - Not Detected MI - Matrix Interference \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA Notes: \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed. \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Dánica Carman, Lab Manager



FARMINGTON LABORATORY P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

® Certificate of Analysis No. 9711019-01

Basin Engineering, Inc. PO Box 389 Farmington, NM Attn: Tracy Watson		Date:	11/14/97
Project: Four Corners Air Drill		Project No:	972601
Site: Farmington, NM		Matrix:	Soil
Sampled By: T. Watson		Date Sampled:	10/30/97
Sample ID: A1S1		Date Received:	11/04/97
	Analytical Data		
		DETECTION	
PARAMETER	RESULTS	LIMIT	UNITS
Benzene	ND	1.0	μg/Kg
Toluene	ND	1.0	μg/Kg
Ethylbenzene	ND	1.0	μg/Kg
Total Xylene	ND	. 1.0	μg/Kg
Total Volatile Aromatic Hydrocarbons	ND	•	μg/Kg
Surrogate	% Recovery		
1,4,Difluorobenzene	103		
4-Bromofluorobenzene	100		
Method 5030/8020			
Anayzed by: FAB			
Date: 11/13/97			•
			· .
Total Petroleum Hydrocarbons-Diesel	4.2	4.0	mg/Kg
Surrogate n-Pentacosane	<b>% Recovery</b> 88		. `
Method Modified 8015A for Diesel Anayzed by: RR Date: 11/08/97			

#### ND-Not detected

Notes: 1

\*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.

\*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance.

n Danica Carman, Lab Manager



#### FARMINGTON LABORATORY

P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

<sup>®</sup> Certificate of Analysis No. 9711019-02

Basin Engineering, Inc. PO Box 389 Farmington, NM Attn: Tracy Watson

Date: 11/14/97

Project: Four C	orners Air Drill	Project No:	972601	· ·
Site: Farmin	gton, NM	Matrix:	Soil	
Sampled By: T. Wat	son	Date Sampled:	10/31/97	
Sample ID: A4S1		Date Received:	11/04/97	

	Analytical Data		
PARAMETER	RESULTS	DETECTION LIMIT	UNITS
Benzene	ND	1.0	μg/Kg
Toluene	ND	1.0	μg/Kg
Ethylbenzene	ND	1.0	μg/Kg
Total Xylene	ND	1.0	μg/Kg
Total Volatile Aromatic Hydrocarbons	ND		μg/Kg
Surrogate	% Recovery		
1,4,Difluorobenzene	100		
4-Bromofluorobenzene	93		
Method 5030/8020			
Anayzed by: FAB			
Date: 11/13/97		•	
			•
Total Petroleum Hydrocarbons-Diesel	5.4	4.0	mg/Kg
Surrogate	% Recovery		
n-Pentacosane	100	,	
Method Modified 8015A for Diesel			
Anayzed by: RR			•
Date: 11/08/97			

#### ND-Not detected

Notes:

\*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed. \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager



FARMINGTON LABORATORY

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® Certificate of Analysis No. 9710171-02

Basin Engine PO Box 389	eering, Inc.			
Farmington, I	NM 87499			· .
Attn: Tracy W			. Date:	11/24/97
	•			·
Project:	Four Corners Air Service		Project No:	9726-01
Site:	Cochiti 114N		Matrix:	Soil
Sampled By:			Date Sampled:	11/17/97
Sample ID:	Stock Pile	· ·	Date Received:	11/17/97
	·····	Analytical Data		
		·	DETECTION	
PARAMETE	R	RESULTS	LIMIT	UNITS
Benzene		ND	5.0	μg/Kg
Toluene		9.3	5.0	μg/Kg
Ethylbenzene	•	26	5.0	μg/Kg
Total Xylene		220	5.0	μg/Kg
Total Volatile	Aromatic Hydrocarbons	255.3		μ <b>g</b> /Kg
	Surrogate	% Recovery		
	1,4,Difluorobenzene	120		
	4-Bromofluorobenzene	180MI		•
	Method 8020			
ŀ	Anayzed by: VHZ		· .	
	Date: 11/22/97			
Total Petroleu	um Hydrocarbons-Diesel	4400	500	mg/kg
	Surrogate	% Recovery		
	n-Pentacosane	D		•
	Method Modified 8015A*** for	r Diesel		
, A	Anayzed by: RR			
	Date: 11/20/97			

ND - Not Detected

Notes:

MI - Matrix Interference

D-Diluted, limits not applicable \*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA

\*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed.

\*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager



FARMINGTON LABORATORY

. P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

Certificate of Analysis No. 9710171-02

Basin Engineering, Inc. PO Box 389 Farmington, NM 87499 Attn: Tracy Watson

Date: 11/24/97

Project:	Four Corners Air Service	Project No:	9726-01	
Site:	Cochiti 114N	Matrix:	Soil	
Sampled By	T. Watson	Date Sampled:	11/17/97	• •
Sample ID:	Stock Pile	Date Received:	11/17/97	

	Analytical Data	· · · · · · · · · · · · · · · · · · ·	
PARAMETER	RESULTS		UNITS
Cyanide-Reactive Method 7.3.3.2*** Analyzed By: BEN Date: 11/19/97	ND	10	mg/kg
Flash and Fire Point-C.O.C. Method ASTM D92-85 Analyzed by:BA Date: 11/24/97	>210	· .	°F.
Soil pH Measure in Water Method 9045C*** Analyzed By: TW Date: 11/20/97	7.41	• • •	pH unit
Sulfide-Reactive Method 7.3.4.2*** Analyzed By: BEN Date: 11/19/97	ND	100	mg/kg 、

#### ND - Not Detected

Notes:

\*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed. \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Makager



FARMINGTON LABORATORY P.O. BOX 1289. FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

<sup>®</sup>Certificate of Analysis No. 9710171-01

Basin Engineering, Inc. PO Box 389 Farmington, NM 87499 Attn: Tracy Watson 11/14/97 Date: Project: Four Corners Air Service Project No: 9726-01 Site: Cochiti 114N Matrix: Leachate Sampled By: T. Watson Date Sampled: 10/30/97

tical Data SULTS PQL* UN ND 50 µg/l ND 200 µg/l ND 50 µg/l	
ND 50 μg/l ND 200 μg/l ND 50 μg/l	
ND 200 μg/l ND 50 μg/l	
ND         200         μg/l           ND         50         μg/l	
ND 50 μg/l	
ND 50 μg/l	
ND 100 μij/l	-
nount Lower U	pper
	imit
) μg/L 88 86	115
	114
	110
N N nc j	ID 50 μg/L ID 100 μg/L iked % Recovery Limit L μg/L 88 86 μg/L 86 76

Analyzed By: GT Leaachate Prep (ZHE) By: WLR 1311/8240, TCLP Volatiles Method: Notes: \*-Practical Quantation Limit Date/Time: Date/Time: 11/05/97 19:02:00 11/04/97

**ND-Not Detected** 

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager



FARMINGTON LABORATORY

P.O. BOX 1289

Certificate of Analysis No. 9710171-01

FARMINGTON; NEW MEXICO 87499-1289 PHONE (505) 326-2588

Basin Engineering, Inc. PO Box 389 Farmington, NM 87499 Attn: Tracy Watson

11/14/97 Date:

Project:	Four Corners Air Service	Project No:	9726-01	
Site:	Cochiti 114N	Matrix:	Leachate	
Sampled By:	T. Watson	Date Sampled:	10/30/97	
Sample ID:	Stock Pile	Date Received:	10/30/97	

	Analytical Data	4	
PARAMETER	RESULTS	PQL*	UNITS
ortho-Cresol	ND	50	μg/L
meta, para-Cresols	ND	100	μg/L
1,4-Dichlorobenzene	ND	50	μg/L
2,4-Dinitrotoluene	ND	50	μg/L
Hexachlorobenzene	ND	50	μg/L
Hexachlorobutadiene	ND	. 50	μg/L
Hexachloroethane	ND	50	μg/L
Nitrobenzene	ND	50	μg/L
Pentachlorophenol	ND	250	μg/L
Pyridine	ND	50	μg/L
2,4,5-Trichlorophenol	ND	100	μg/L
2,4,6-Trichlorophenol	ND	50	μg/L
	Amount		Lower Upper
Surrogate	Spiked % Recov	very	Limit Limit
Nitrobenzene-d5	50 μg/L 81		35 114
2-Fluorobiphenyl	50 μg/L 104	· ·	43 116
Terphenyl-d14	50 μg/L 74		33 141
Phenol-d5	75 μg/L 96		10 110
2-Fluorophenol	75 μg/L 71		21 110
2,4,6-Tribromophenol	75 μg/L 131		10 123

Date/Time:

Analyzed By: LL Leaachate Prep (ZHE) By: PC Method: 1311/8270, TCLP Semivolatiles Notes: \*-Practical Quantation Limit

ND-Not Detected

11/05/97

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman, Lab Manager

8:00:00



Stock Pile

FARMINGTON LABORATORY P.O. BOX 1289 FARMINGTON, NEW MEXICO 87499-1289 PHONE (505) 326-2588

10/30/97

ັCertificate of Analysis No. 9710171-01

Basin Engineering, Inc. PO Box 389 Farmington, NM 87499 Attn: Tracy Watson 11/14/97 Date: Project: Four Corners Air Service Project No: 9726-01 Site: Matrix: Cochiti 114N Leachate Sampled By: T. Watson Date Sampled: 10/30/97

	Analytical Data		
	· •	Detection	•
PARAMETER	RESULTS	Limit	UNITS
Silver	ND	0.02	mg/L
Arsenic	ND	0.2	mg/L
Barium	ND	· 1	mg/L
Cadmium	0.01	. 0.01	mg/L
Chromium .	ND	0.02	mg/L
Lead	ND	0.1	mg/L
Selenium Method 6010A ***	ND	0.2	mg/L
Mercury Method 7470A ***	ND	0.0002	mg/L
Acid Digestion of TCLP Leachate, ICP Method 3010A ***	11/07/97	•	
TCLP Leachate Extraction Method 1311 ***	11/04/97		
Zero Headspace Extraction Method 1311	11/04/97		

ND-Not Detected

Sample ID:

Notes:

\*Ref: Methods for Chemical Analysis of Water and Wastes, 1983, EPA \*\*Ref: Standard Methods for Examination of Water & Wastewater, 18th ed. \*\*\*Ref: Test Methods for Evaluating Solid Waste, EPA SW846, 3rd Ed.

**QUALITY ASSURANCE:** These analyses are performed in accordance with EPA guidelines for quality assurance.

Danica Carman Lab Manager

Date Received:

SPEJ, Inc.     SPL Workorder Not     C-02       Analysis Request & Chain of Custody Record     9/1/0/9     page       Cherchetter:     0     0     0     0       Address/Phone     0     0     0     0     0       Address/Phone     0     0     0     0     0     0       Address/Phone     0     0     0     0     0     0     0       Address/Phone     0     0     0     0     0     0     0       Address/Phone     0     0     0     0     0     0     0     0       Project Name:     1     0	
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Other . 5. Reling ished by: 11/4/97 302 American Acomposition	
8880 Interchange Drive, Houston, TX 77054 (713) 660-0901 500 Ambassador Caffery Parkway, Scott, LA 70583 (318) 237-	4775
459 Hughes Drive, Traverse City, MI 49684 (616) 947-5777 1511 E. Orangethorpe Avenue, Fullerton, CA 92631 (714) 447	-6861

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Client Contact: $\Box = \int \varphi \wedge \zeta \phi$		soil other: amber vial z 40=	602 HNO3 oth <del>e</del> r: tainers	C. 1			
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8880 Interchange Drive, Houston 459 Hughes Drive, Traverse City	. T <b>X 77054 (713) 6</b> 60-0	901 🦌 👘	500 Ambassa	dor Caffery Parkwa	y Scott LA 7058	8 <b>(3</b> 18) <b>237</b> -	4775
459 Hughes Drive Traverse City	MI 49684 (616) 947-5	777	1-1511 E. Oran	ngethorpe Avenue, I	ullerton, CA 9263	1 (714) 447	-6868
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE970501. RCRA Exempt:Non-Exempt:Non-Exempt:ATTE:4. GeneratorVerbal Approval Received:YesNoBy $UC5Kem_Hall_Trc_2. Management Facility Destination5. Originating SiteUC5Kem_Yard_5. Originating Site3. Address of Facility OperatorGun Juan6. Transporter4.20County Road3100Aztec, Nm 874/10County6. Transporter7. Location of Material(Street Address or ULSTR)8. State#15County Road5860Factoria fon, Nm Statuag CountyNew9. Check OneAll requests for approval to accept odifield exempt wastes will be accompanied by a certificate of waste from the Generator: onecertificate per lob.11Mall requests for approval to accept odifield exempt wastes must be accompanied by a certificate of waste from the Generator: onecertificate of origin. No waste dassified as nazardous by listing or testingwill be approved.11All requests for approval to accept odifield exempt wastes delivered are only those consigned for transport.12BRIEF DESCRIPTION OF THE MATERIAL:Tron CAS# 1309-371DECENVEDNOV 1.3 199713Car bonale CAS# 1307-65-3Silicate Mineral Non-netallic CAS# 497-19-8DING COUNDDINGDING SOLID DINGDING SOLID DINGDING SOLID DING$	District III         (505)         748-1263           811 S. Finst         Attesta, NM 88210           District III         (505)         334-6178           1000 Rio Brazos Road         Aztec, NM 87410           District IV         (505)         M27-7131	New Mexico inerals and Natural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	RECEIVED NOV191997
Verbal Approval Received: Yes       No       By:       Wcsken Hall Inc.         2. Management Facility Destination       5. Originating Site       5. Originating Site         Tierra Environmental Landfarm       5. Originating Site         3. Address of Facility Operator       Sun Juan         420 County Road 3100 Aztec NM 87410 County       6. Transporter         420 County Road 5100 Aztec NM 87410 County       8. State         #15 County Road 5860 Facmington NM Sculling County       8. State         #15 County Road 5860 Facmington NM Sculling County       New Mexico         9. Check One       A. All requests for approval to accept odifield exempt wastes will be accompanied by a certificate of waste from the Generator one certificate per job.         B. All requests for approval to accept odifield exempt wastes will be accompanied by neocessary chemical analyses to prove the material is non-hazardous and the Generator's certification of orgin. No waste classified as nazardous by liking or testing will be approved.         All transporters must certify that the wastes delivered are only those consigned for transport.         BRIEF DESCRIPTION OF THE MATERIAL:         Tron CAS# 1309-371         Sedium Car bonate CAS# 497-19-8         Limestone CAS# 1307-65-3		· · · · · · · · · · · · · · · · · · ·	170.00
<ul> <li>7. Location of Material (Street Address or ULSTR)</li> <li>#15 County Road 5860 Farming for, NM Survives County New Mexico</li> <li>9. Check One</li> <li>All requests for approval to accept diffold exempt wastes will be accompanied by a certificate of waste from the Generator: one certificate per lob.</li> <li>B. All requests for approval to accept diffold exempt wastes must be accompanied by a certificate of waste from the Generator: one certificate per lob.</li> <li>All transporters for approval to accept diffold exempt wastes must be accompanied by a certificate of waste from the Generator: one certificate per lob.</li> <li>All transporters must certify that the Generator's certification of ongin. No waste classified as nazardous by listing or testing will be approved.</li> <li>All transporters must certify that the wastes delivered are only those consigned for transport.</li> <li>BRIEF DESCRIPTION OF THE MATERIAL:</li> <li>Tron CAS# 1309-371</li> <li>Sadium Carbonate CAS# 497-19-8</li> <li>Limestone CAS# 137-65-3</li> </ul>	Verbal Approval Received: Yes 2. Management Facility Destination <u>Tierro</u> <u>Environmental</u> 3. Address of Facility Operator	No By on Landfarm Sun Juan	Wesken Hall Inc. 5. Originating Site Wesken Yard. 6. Transporter
BRIEF DESCRIPTION OF THE MATERIAL: Iron Hydroxide Iron CAS# 1309-371 Sadium Carbonale CAS# 497-19-8 Limestone CAS# 1317-65-3 ODL CONDO DINV.	<ul> <li>7. Location of Material (Street Active County Road 5860)</li> <li>9. <u>Check One</u> <ul> <li>A. All requests for approval to accive certificate per job.</li> <li>B. All requests for approval to accive material is non-hazardous a</li> </ul> </li> </ul>	Idress or ULSTR)	8. State <u>New</u> <u>Mexico</u> certificate of waste from the Generator; one essary chemical analyses to prove
Estimated Volume _/4/000 //5	BRIEF DESCRIPTION OF THE MATERI Iron Hydroxide Iron CAS# 1309-371 Sodium Carbonate CAS# Limestone CAS# 1317-65 Silicate Mineral Non-neta	AL: 497-19-8 1-3 11.c CAS #-1332-09-8	DECEIVED NOV 1 3 1997 ODL COM. DIV. DIGT. 3
SIGNATURE <u>JIM</u> TITLE <u>Invironmental</u> <u>Specialist</u> DATE <u>II/12/97</u> TYPE OR PRINT NAME <u>Tim Nobi5</u> TELEPHONE NO. <u>(505)</u> 334-8894 (This space for State Use) APPROVED BY <u>Demy G. Poust</u> TITLE <u>Geologist</u> DATE <u>II/13/97</u> APPROVED BY <u>Mangungtung</u> TITLE <u>Env. Geologist</u> DATE <u>II/20/97</u>	TYPE OR PRINT NAME Tim	NahisTELEPH	DATE 11/13/97

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Insurce 1 (505) 355-0101 P.O. Box 1940 'New MexicoP.O. Box 1940 'Energy Minerals and Natural ResourcesIobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II (505) 748-1283 811 S. First Artesia, NM 88210Oil Conservation Division2040 South Pacheco Street	<b>Department</b>
District III         (505) 334-6178         Santa Fe, New Mexico         87505           1000 Rio Brazos Road         (505) 827-7131         (505) 827-7131	Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	UIDWASTE 97060
1. RCRA Exempt: Non-Exempt: X DATE:	4. Generator
Verbal Approval Received: Yes No By:	
2. Management Facility Destination	5. Originating Site
Tierra Environmental Landfarm	Wesken Yard.
3. Address of Facility Operator San Juan	6. Transporter
7. Location of Material (Street Address or ULSTR)	()esken
	8. State
#15 County Koad 5860 Farmington NM Souriag County 9. Check One	New Mexico
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 c 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 th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	
Iron Hydroxide	NECEIVED
Iron CAS# 1309-371	NOV 1 3 1997
Sodium Carbonate CAS# 497-19-8	OIL CON. DIV.
Limestone CAS# 1317-65-3	DIST. 3
Silicate Mineral Non-metallic CAS #-1332-09-8	No
Estimated Volume 14,000 165 9 Known Volume (to be entered by the opera	tor at end of haul):yd <sup>3</sup>
SIGNATURE	ecialist DATE 11/12/97
TYPE OR PRINT NAME Tim Nohis TELEPH	IONE NO (505) 334-8894
(This space for State Use)	
APPROVED BY Demych Paut TITLE Geolog 15/	DATE _////3/97
APPROVED BYTITLE	DATE

# CERTIFICATE OF WASTE STATUS

11.	Generator Name and Address:	2. Destination Name:
ł	WESKEM HALL INC.	
	15 RD 5860	
	FARMINGTON NEW MEXICO 87401	
3.	Originating Site (name):	Location of the Weste (Street address &/or ULSTR):
1	WESKEM HALL INC.	
j –	15 RD 5860	
1	FARMINGTON NEW MEXICO	
<u></u>	Attach list of originating sites as appropriate	
4.	Source and Description of Waste	
1	IRON HYDROXIDE	MSDS ATTACHED
	IRON CAS - # 1309-371 SODIUM CARBONATE CAS# 497-19-8	
	LIMESTONE CAS # 1317-65-3	
	SILICATE MINERAL NON METALLIC CAS # 13	32-09-8
L		
<u>ار ا</u>	THOMAS A. NEWMAN, DISTRICT MANAGER	representative for:
	WEEKEN HALL INC	do hereby certify there.
800 198	ording to the Resource Conservation and Recover 18, regulatory determination, the above described	y Act (RCRA) and Environmental Protection Agency's July, waste is: (Check appropriate classification)
		PT olifield waste which is non-heterdous by characteristic by product identification
and	that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For	NON-EXEMPT waste only the following docum XX MSDS Information RCRA Hazardous Waste Analysis	antation is attached (check appropriate items): Other (description):
-	Chein of Custody	
	Chain of Custody	
Nar	Chain of Custody	naum
Nar	Chain of Custody	na-1
Nar	- Chain of Custody no (Original Signature): Thomas a naw. o: Destrict Manager	<u>na-a</u>
	Chain of Custody	<u>na-1</u>
	- Chain of Custody no (Original Signature): Thomas a naw. o: Destrict Manager	<u>Ta-a</u>

• Material Safety Data Sheet May be used to comply with OSHA'S Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements. P.4

IRON HY	DROXIDE			l ·	
IDENITTY (As Used on Label and List) POROSTO	Note: Blank spaces are not permitted	Note: Blank spaces are not permitted. If any item is not applicable, or not applicable, or no			
also known as GAS PURIFYING MATERIAL, NOT SPENT			Information is available, the space must be marked to indicate that.		
SECTION I			Anna Gulanni		
Manufacturer's Name		Emergency Telephone Number			
CONNELLY-GPM INC.		(312) 247 7231			
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for informati				
3154 S. California Avenue	, .	(312) 247-7231	-		
		Date Prepared		· · · · · · · · · · · · · · · · · · ·	
		October 6, 1993			
		Signature of Propercy (optional)			
	· · · · · · · · · · · · · · · · · · ·				
SECTION II - HAZARDOUS INGREDIENT	IS/IDENTITY INFOR	MATION			
Manalan Gamma A (Gamma A (Gamm		· · · · · · · · · · · · · · · · · · ·	Other Limits		
Hazardous Components (Specific Chemical Identity: Con	amon Name(s)	OSHA PEL ACGIH TLV	Recommended	% (optional)	
IRON CAS #1309-37-1		10 material 6 material	10		
		<u>10 mg/m<sup>3</sup> 5 mg/m<sup>3</sup></u>	10 mg/m <sup>3</sup>		
SODIUM CARBONATE CAS #497-19-8		NO TLV ESTABLISHED			
SOLVIONI CARDONATE CAS #177-13-8		NO IL VESTABLISHED	·	<u> </u>	
LIMESTONE CAS #1317-65-3			,		
LIMESTONE CAS #1517-03-3		10 mg/m <sup>3</sup> (respirable)			
SILICATE MINERAL NON-METALLIC CAS #	1220 00 0	•	. ,		
SILICATE MINERAL NON-BLETALLIC CAS #	1332-09-8				
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		<u></u>			
SECTION III - Physical/Chemical Character	ladlar.			······	
Boiling Point	134463				
Water		Specific Gravity (H <sub>g</sub> O = 1)	1/1 - 1/3		
	212°F		1/1 = 1/3		
Vapor Pressure (man Ho )	11774	Maltino Print	INA	•	
Vapor Density (AIR = 1)		Evaporation Rate	1		
	N/A	(Butyl Acetate = 1)	<u>  N/A</u>	· · · · · · · · · · · · · · · · · · ·	
Solubility in Water			•		
Insoluble Appearance and Odor					
Moist Brown Fine Aggregate to Sand Particles	, `			: 	
SECTION IV - Fire and Explosion Hazard Di	ate	······································			
Flash Point (Method Used)		Flammable Limits	ILEL.	UEL	
Non-flammable unless water is removed	. •	]	1		
Extinguishing Modia					
Water, Sand, Dry Chemical, Universal Type Foar	m				
Special Fire Fighting Procedures				. <u> </u>	
NONE				!	
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The sect the sect the sector of the sector of					
Unusual Fire and Explosion Hazards		•			
NONE					
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C W						
ECTION V - I			······································			
Liling	Unstable		Condition to Avoid Do not allow to dry out.	· · · ·	• • •	
	Stable	l	1 Do not show to dry out	· · · · · · · · · · · · · · · · · · ·		
compatibility (Ma	Landala to Avoid	<u> </u>	<u> </u>			
				· · · · · · · · · · · · · · · · · · ·		
azardous Decompo	sition or Byproducts		•			
azardous olymerization	May Occur	ļ	Condition to Avoid	• • • • • • • • • • • • • • • • • • •		
Tymerization	Will Not Occur	<u> </u>		······································		
		ix			1 e e	
CCTION VI - 1 Note(s) of Enery:	Interact Data		Skin?	Ingestion?		
	Yes		Yes	Yes (not likely)		· · · · [.
with Hazards (Acu	te and Chronic)		oat, lungs and stomach.			
				·····	· · · <del>· · ·</del>	•
roduct may irrite	te or burn eyes and c	ause skin ir	ritation after prolonged contact.	·	•••.	
				·····		
rcinogenialty:	NTP?		LARC Monograph	17 OSHA Regulated?		
		NOIN	FORMATION AVAILABLE	· · · · · · · · · · · · · · · · · · ·		
	-10					
gus and Symptoms (ay cause akin ar	of Exposure ad eve irritation.			•		
				······································		
halation - Remo	ve to tresh air.			· · · · · · · · · · · · · · · · · · ·		
	d by Exposure Skin Co	<u>ntact - Was</u> l	h with water as soon as possible.	*		
			•••			• •
pergency and First	Aid Procedures		with water. Get Medical attenti			
		er to dilute	material. DQ NOT INDUCE VC	MITING.	· · · ·	
ET MEDICAL	TTENTION.			· .	• • •	•
ECTION VII -	Precautions for Saf	e Handling	and Use			:
	Case anterial In Balance	d or Spilled			14 H	
ops to He Taken m the motorial is s	willed normal clean	n needada	ton more he wood			
ops to Be Taken m the material is s	pilled, normal clean	up procedu	res may be used			
'the material is s	milled, normal clean	up procedu	res may be used. protective equipment.			· · · · · · · · · · · · · · · · · · ·
the material is s	milled, normal clean	up procedu				
the material is s lean up personne /aste Disposal Mat	pilled, normal clean	up procedur the proper j	protective equipment.			
the material is s lean up personne /aste Disposal Mat	pilled, normal clean	up procedur the proper j	protective equipment.			
the material is s lean up personne lease Disposal Mest anitary landfill, i	milled, normal clean al should be wearing and following Federal, St	up procedur the proper r ate and Loca	protective equipment.			
the material is a	milled, normal clean al should be wearing and following Federal, Stu ken in Handling and Stor	up procedur the proper y ate and Loca	protective equipment. al guidelines.	DEMANCE AND		
the material is s lean up personn Vaste Disposal Met anitary landfill, i recausions to Be Ta NOT ALLOW	pilled, normal clean and following Federal, Stu- kan in Handling and Stor 7 THE MATERIAL T	up procedur the proper y ate and Loca ing O DRY OU	protective equipment. al guidelines. IT AS IT WILL HINDER PERFO	DRMANCE AND		
the material is s lean up personn faste Disposal Met anitary landfill, i recaudions to Be Ta O NOT ALLOW IAY CAUSE A 1	milled, normal clean al should be wearing and following Federal, Stu ken in Handling and Stor	up procedur the proper y ate and Loca ing O DRY OU	protective equipment. al guidelines. IT AS IT WILL HINDER PERFO	DRMANCE AND		
the material is s lean up personn faste Disposal Met anitary landfill, i recaudions to Be Ta O NOT ALLOW IAY CAUSE A 1	pilled, normal clean and following Federal, Stu- kan in Handling and Stor 7 THE MATERIAL T	up procedur the proper y ate and Loca ing O DRY OU	protective equipment. al guidelines. IT AS IT WILL HINDER PERFO	DRMANCE AND		
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Vaste Disposal Meth anitary landfill, i recautions to Be Ta O NOT ALLOW IAY CAUSE A I ther Proceedings ECTION VIII - espiratory Protectio (SE NKOSH appro- entilation rotoctive Cloves (on absorbent saf ther Protective Cloves	pilled, normal clean el should be wearing and following Federal, Stu- kan in Handling and Stor 7 THE MATERIAL T PARTICULATE DUS Control Measures (Specify Type) oved dust masks (Local Exhaust If necessary Machanical (General) Cety gloves hing or Equipment mess as little skin as p ices	up procedur the proper r ate and Loca ing O DRY OU ST PROBLE	al guidelines.		• U.S.G.P.O. 1996	

Unsurict I(505) 333-0101P.O. Box 1940New MexicoHobbs. NM 88211-1980Energy 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	Department Submit Ori Plus 1 Cop to appropri District Off
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 97026 ST
<ol> <li>RCRA Exempt: X Non-Exempt: DATE: 11/10/97 Verbal Approval Received: (es) No By: D. Foust</li> <li>Management Facility Destination         <ul> <li>IEERA Environment LawAFARM</li> <li>Address of Facility Operator</li> <li>420 CR 3100 Aztec NM 87410</li> </ul> </li> <li>Location of Material (Street Address or ULSTR)         <ul> <li>Sechow 34, Township 30N, Range 12W</li> <li>Check One</li> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by necetificate per job.</li> </ul> </li> <li>All requests for approval to accept non-exempt wastes must be accompanied by necetificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by necetificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by necetificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by necetification of origin. No waste companies of the material is non-hazardous and the Generator's certification of origin. No waste companies of the approved.</li> </ol>	<ul> <li>4. Generator</li> <li>Bueling for</li> <li>5. Originating Site</li> <li>McGenerator # 4 SwA</li> <li>6. Transporter</li> <li>8. State</li> <li>MM</li> </ul>
BRIEF DESCRIPTION OF THE MATERIAL: TONK bottoms - Filtinged Solids From incom Waste Fluids Estimated Volume (to be entered by the opera	ing oilfirld DECEIVED NOV 1 3 1997 OIL CONO. DIV.
SIGNATURE	Specialist DATE 11/10/97
TYPE OR PRINT NAME Lin Nobis TELEPH	ONE NO. (505) 334-8894
(This space for State Use) APPROVED BY Deny & Fam TITLE GeologIST APPROVED BY Envie Buer TITLE Geologist	date <u>11/13/97</u> date <u>11/15/97</u> 50

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	4	$\Gamma$
	~	<u> </u>

ID:505-326-9725

## **CERTIFICATE OF WASTE** . . ATUS

	2 Destinction Marroy			
1. Generator Namo and Address:	2. Destination Name:			
BUDY INCOM DESAUDCES	Tierra Landfarm			
BURLINGTON RESOURCES	liena Landraim			
3535 BAST 30th STREET				
FARMINGTON, NM 87402				
	Location of the Waste (Street address &/or			
3. Originating Site (name):				
	ULSTR):			
McGrath SWD #4	Santian 24 TRANK DIRING			
	Section 34, T30N, R12W			
Attach list of originating sites as appropriate.				
4. Source and Description of Waste:				
Filtered solids from incoming oilfield waste flui	40			
Fulfica solids from moonalig onneid waste frui	us.			
I. Ed Hasely	representative for:			
I, Ed Hasely				
BURLINGTON RESOURCES	do hereby certify that,			
according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (check appropriate classification)				
righted a furt, 1200, regulatory determination, the above t	Repersons water to content addition into comprise out			
X EXEMPT oilfield waste NO	N-EXEMPT oilfield waste which is non-			
	ardous by characteristic analysis or by product			
	tification			
	·····			
and that nothing has been added to the exempt or non-exe	mpt non-hazardous waste defined above.			
	-			

For NON-EXEMPT waste only the following documentation is attached (check appropriate items):

MSDS Information RCRA Hazardous Waste Analysis Chain of Custody Other (description):

Name (Original Signature):

SR STAFF ENVIRONMENTAL REPRESENTATIVE

Title: Date:

## **Denny Foust**

From: To: Subject: Date: Priority: Roger Anderson Denny Foust Meridian McGrath waste Tuesday, November 26, 1996 11:29AM 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.

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	and an
District II(505) 748-1283New MexicoDistrict II(505) 748-1283Energy Minerals and Natural Resources0il Conservation Division	Department
Artesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Submit Origina Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SC	DI ID WASTE State
1. RCRA Exempt: X Non-Exempt: DATE: 11/7/97	4. Generator
Verbal Approval Received: Yes No By: D. Foust	Conoco
2. Management Facility Destination	5. Originating Site
3. Address of Facility Operator	6. Transporter
#61 C.R. 4900 Bloomfield Nm San Jura County 7. Location of Material (Street Address or ULSTR)	8. State
#61 C.R. 4900 Bloomfield, NM SONJUAN COUNTY	New Mexico
9. <u>Check One</u>	certificate of waste from the Generator; one
<ul> <li>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 c will be approved.</li> </ul>	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:	
Sulfa Check System - H2S treating/scrub. Sulfa Guard 609	NOV 1 3 1997
	OIL CON. DIV. DIST. 3
Estimated Volume <u>220 BBI3</u> yd <sup>3</sup> Known Volume (to be entered by the opera	tor at end of haul): <u>330 BB/5</u>
SIGNATURE	<u> 5 peria liz</u> +DATE <u>11 / 7/9 7</u> IONE NO. <u>(505) 334-8894</u>
APPROVED BY Demy & Fund TITLE Geologist	DATE <u>11/13/77</u>
APPROVED BY Erste Buch TITLE Gulogist	DATE MILE 192

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PAGE.002/002 TO SAN JUNI NGGP ENVIRONMENTAL FROM AUG 25 '97 08:20 P.01/01 5056324930 T 5 IGP RMD ALG 11:97 13:49 FR CONO l **CERTIFICATE OF WASTE STATUS** Generator Name and Addre - Omination Hartest CONOCO INC. NG-GP SAN JUAN CAS PLANT CONOCO INC. NG-GP SAN JUAN CAS PLANT TIENNA ENVIRONMENTAL CO. INC. SAN JUAN CAS PLANT TIENNA HAND FANM FACILITY 61 CR 4900 BROMHOLD NM 87413 420 CR 3100 AZTEC SJC NM 87410 3. Originating Site Inam Location of the Watte (Brest address & Ar II STIn: SAME AS ABOVE ( Generator Amoth fut of adgrating sizes as assessing 4. Source and Description of Waste SulfA check system - Has treating/scrubbing SulfA GAURD 609 monteentative for: Wild I 11-0-1 hereby eardly that. BROOMERY A SCCO/7 is to the Resource Co otection Agency's July, 1988. reculatory determination, the above describe EXEMPT ciffield wants NON-EXEMPT official waste which is non-hazardaus by characteristic malysis or by product identification and that nothing has been added to the exempt or non-warmpt non-hezardous waste defined above. For NON-EXEMPT wants only the following documentation is attached (check appropriate items): MSOS Information \_ Other ideacription): RCRA Hazardous Waste Analysis **Chain of Curtody** Name (Original Signatural) LIGA Director - Environmenta Tide: 1-

· · ·		
<u>District []</u> (505) 748-1283 811 S. First	New Mexico nergy Minerals and Natural Resource Oil Conservation Division	•
Artesia, NM 88210 <u>District III</u> (505) 334-6178 1000 Rio Brazos Road Azree, NM 87410 <u>District IV</u> (505) 827-7131	2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131	Subnut Origi Plus I Copy to appropriat District Offic
R	EQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 97047
1. RCRA Exempt:	Non-Exempt: X DATE:	4. Generator
Verbal Approval Receiv	red: Yes No By	Chemical Dister Duris Jac
2. Management Facility	Destination	5. Originating Site
3. Address of Facility Op	perator Lundform	6. Transporter
· · · · ·		
7. Location of Material	Aztro Nm 8:7415 Son Juan Count (Street Address or ULSTR)	8. State
	Farmington, NM SIN JUAN County	New Mexico
A. All requests for a certificate per job	pproval to accept oilfield exempt wastes will be accompanied by	y a certificate of waste from the Generator; one
B. All requests for a the material is no will be approved.	pproval to accept non-exempt wastes must be accomanied by r n-hazardous and the Generator's certification of origin. No wast	necessary chemical analyses to prove te classified as hazardous by listing or testing
All transporters must ce	ertify that the wastes delivered are only	those consigned for transport.
BRIEF DESCRIPTION OF TH Sodium Bischfile Whit For Chin of Myl Whit For Chin of Myl Whit For Chin of Myl Reserved 15/97 myl	- woste water treatment product	DECEIVED NOV - 4 1997 OUL CONL. DUV.
Estimated Volume		
SIGNATURE	11 TITLE [w/joogmental]	Specialist DATE 11/3/97
TYPE OR PRINT NAME		PHONE NO. (505) 334-8894
(This space for State Use)		
APPROVED BY	3. Zent TITLE GeologIST	DATE 11/4/97
APPROVED BY Martigen	ghily TITLE Env. Geologist	DATE 11/5/97
	· · · · · · · · · · · · · · · · · · ·	
		- 「小師」「「下橋」」」「龍さい」。 濃くいたる 積 「小小」

And Topology Lines       New Mexico       International Networks (Not Status)         Index, NM Status)       Energy Minerals and Natural Resources Department       Oil Conservation Division         Device II (66) 34-6179       2040 South Pacheco Street       Sentet Conservation Division         Device IV (66) 34-6179       2040 South Pacheco Street       Sentet Conservation Division         Device IV (66) 34-6179       Sentet Conservation Division       Sentet Conservation Division         Device IV (66) 34-6179       Sentet Conservation Division       Sentet Conservation         Device IV (66) 34-6179       Sentet Conservation Division       Sentet Conservation         Device IV (66) 34-6179       Sentet Conservation       Sentet Conservation         Device IV (66) 34-6179       Non-Exempt X DATE:       4. Generator         Verbal Approval Received: Yes (No) By:       Conservation       Songrating Ste         2. Management Facility Destination       5. Originating Ste       COI Faceroigh Ap. Sect         1. Location of Material (Street Address or ULSTR)       8. State       State         3. Address of Facility Operator       Son Suce County       New Mexico         9. Check One       Received for approval to accept oilfield exempt wastes with be accompanied by receasing when the Generator; one eventy wastes must be accompanied by receasing whenicit analyses to prove.         9. Check			
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE       97047         1. RCRA Exempt:       Non-Exempt: X       DATE:       4. Generator         Verbal Approval Received: Yes       No         By:       Chemical Distributors Tac.         2. Management Facility Destination       5. Originating Site         Tricrea       Subicomedial       Londform         3. Address of Facility Operator       6. Transporter         4. State       Signature       Mew Mexicon         7. Location of Material (Street Address or ULSTR)       8. State         39/1       Anarce Rd. Facminghon, Nm       Sno Swar County         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 purple.         If any sets for approval to accept oilfield exempt wastes must be accompanied by necessary chemical analyses to prove the methal is non-hazardus and the Generators certification of ongin. No waste classified as hazaroous by itsing or testing with be approved.         All traquests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the methal is non-hazardus and the Generator scrifticate of ongin. No waste classified as hazaroous by itsing or testing with be approved.         All traquests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the methal is non-hazardus and the Generators certificate of ongin. No waste classif	P.O. Box 1940 Hóbbs, NM 88241-1980 <b>District II</b> (505) 748-1283 811 S. First Artesia, NM 88210 <b>District III</b> (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410	nerals and Natural Resources Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505	Originated 4/18/95 Department Submit Origina. Plus 1 Copy to appropriate
1. RCRA Exempt:       Non-Exempt: X DATE:       4. Generator         Verbal Approval Received:       Yes       No       By:       (hernical Dish: bulars Inc.)         2. Management Facility Destination       5. Originating Site       CDT       Facming too Yacd         3. Address of Facility Operator       5. Originating Site       CDT       Facming too Yacd         3. Address of Facility Operator       6. Transporter       Bug Fouts Construction         7. Location of Material (Street Address or ULSTR)       8. State       8. State         3911       Boarace Rd. Facmington, NM Stw Juan County       Bug Fouts Construction         9. Check One       A Alrequest for approxib to accept atfield exempt wastes will be accompanied by a certificate of waste from the Cenerator; one conflicts prop.         Other augusts for approval to accept atfield exempt wastes will be accompanied by a certificate of waste from the Cenerator; one conflicts prop.         Other augusts for approval to accept atfield exempt wastes will be accompanied by a certificate of waste from the Cenerator; one conflicts prop.         Other augusts for approval to accept attreaters certification of orgin. No waste dassified as hear atom testing will be approved.         All transporters must certify that the wastes delivered are only those consigned for transport.         BRIEF DESCRIPTION OF THE MATERIAL:       State transfer treat ment product         Stigon Title       10       yd <sup>3</sup>		FOR APPROVAL TO ACCEPT SC	DLID WASTE 97047 90007
Verbal Approval Received: Yes       No       By:       (henical Dish: bubes Tac.         2. Management Facility Destination       5. Originating Site       5. Originating Site         7. Increa       6. Transporter       6. Transporter         9. Ock. 3100       Aetric Nom 87400       5. Son 5 Use County       Bug Fautz       Costruction         7. Location of Material (Street Address or ULSTR)       8. State       8. State         3.311       Maarde Rd. Facmingha, Nm Srw Juan County       New Mexico         9. Check One       A. All requests for approval to accept onlikeld exempt wastes will be accompanied by a certificate or waste from the Generators and the Generators certification of origin. No wase classified as hazardous to prove the material is non-hazardous and the Generators certification of origin. No wase classified as hazardous by tisting or testing will be approved.         All transporters must certify that the wastes delivered are only those consigned for transport.         BRIEF DESCRIPTION OF THE MATERIAL:         5. Join M. Bi Solfite - woste waster treat ment product         DATE         MOW 1 3 1997         OULL GONNo. DDVo.         DDVa         BRIEF DESCRIPTION OF THE MATERIAL:         5. Solifite - woste water treatment product         DATE         MOW 1 3 1997         OULL GONNo. DDVo.         DDVa <td< td=""><td>[</td><td></td><td>1</td></td<>	[		1
2. Management Facility Destination          Tictra       5. Originating Site         3. Address of Facility Operator       6. Transporter         420       C.R. 3100       Aztec win 87400       Scin Sum County         7. Location of Material (Street Address or ULSTR)       8. State       Bug Fouts       Castec win 87400         3. Address of Facility Operator       6. Transporter       Bug Fouts       Castec win 87400       Scin Sum County         7. Location of Material (Street Address or ULSTR)       8. State       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 for approval to accept non-exempt wastes must be accompanied by a certificate 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:       Sodium Bisulfrite - woste waste test wort food uct         ØULL GONo       DIVG         DUSTL 3       BUSTL 3         BISER DESCRIPTION OF THE MATERIAL:       Sodium Bisulfrite - woste waste test wort food uct         ØUSTL 63       Extinated Volume       IO         Volume       IO       Yet 3       13 1997         ØULL GONo       DIVG       DISTL 3         Signature       ITTLE <t< td=""><td></td><td></td><td>Maria I Ard the days To</td></t<>			Maria I Ard the days To
Tictra       Exustransported 1       Leadbarn       CDI Farmington Yard         3. Address of Facility Operator       4.20       CR. 3100       Actor Num 87400       Scin Such County       Bug Fouts       Crastruction         7. Location of Material (Street Address or ULSTR)       8. State       Bug Fouts       Crastruction         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.       NEW Mexico         9. Check One       A. All requests for approval to accept oilfield exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate per job.       NEW Mexico         9. One       A. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate of uses for approval.         All transporters must certify that the wastes delivered are only those consigned for transport.         BRIEF DESCRIPTION OF THE MATERIAL:       Sofio M Bi SolfFite - wosfe water treat ment field ust         9. Once       10       yd <sup>3</sup> 8. Extimated Volume       10       yd <sup>3</sup> 8. Signature       10       yd <sup>3</sup> 8. Signature       Time Nobio :       Telephone No. (505) 334-8894         9. On Rint Name       Time Nobio :       Telephone No. (505) 334-8894			
<ul> <li>3. Address of Facility Operator <ul> <li><u>42D</u> CR. 31DD Actrc, NM 87410 Son Swan County</li> <li><u>7. Location of Material (Street Address or ULSTR)</u></li> <li><u>3911 Avance Rd. Farminghan, NM Srw Juan County</u></li> <li><u>9. Check One</u> <ul> <li>A. All requests for approval to accept oiffield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.</li> <li><b>(b)</b> Rit requests for approval to accept oinfield exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of ongin. No waste classified as hazardous by listing or testing will be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only those consigned for transport.</li> <li>BRIEF DESCRIPTION OF THE MATERIAL:</li> <li>20dium Bigotffite - wooste water treatment product</li> <li><b>BRIEF DESCRIPTION</b> OF THE MATERIAL:</li> <li>20dium Bigotffite - wooste water treatment product</li> <li><b>BRIEF DESCRIPTION</b> OF THE MATERIAL:</li> <li>30dium Bigotffite - wooste water treatment product</li> <li><b>(c)</b> Riter and the Generator's certification of one of the material standous by listing or testing with a generator at end of hault:yd<sup>3</sup></li> </ul> </li> <li>SIGNATURE</li></ul>	Tierra Envisonmental	Landform	
3911       Maarae       Rd. Farmingha, NM       Stw Juan County       NEw Mexicon         9.       Check One       A. Ail requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate of problem         B       It 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 orgin. 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:         Oddiom       Bridelified exempt wastes the accomment of product         Deficiency       NV 1 3 1997         OULL       GOIN_0         DIVEL       Moven Volume (to be entered by the operator at end of haul):         yd 3         SIGNATURE       Time NobiS -         TYPE OR PRINT NAME       Time NobiS -         THE       My/mammak / Special/34       DATE         MPROVED BY       TITLE       DATE	3. Address of Facility Operator		
3911       Maarae       Rd. Farmingha, NM       Stw Juan County       NEw Mexicon         9.       Check One       A. Ail requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate of problem         B       It 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 orgin. 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:         Oddiom       Bridelified exempt wastes the accomment of product         Deficiency       NV 1 3 1997         OULL       GOIN_0         DIVEL       Moven Volume (to be entered by the operator at end of haul):         yd 3         SIGNATURE       Time NobiS -         TYPE OR PRINT NAME       Time NobiS -         THE       My/mammak / Special/34       DATE         MPROVED BY       TITLE       DATE	420 CR. 3100 Aztec, NM	n 87410 Son Juan County	
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.         ① 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.         BRIEF DESCRIPTION OF THE MATERIAL:         \$\dots\$ dots\$ on \$\mathbb{B}\$ is \$\dots\$ of it \$\ell\$ - \$\woosfe\$ water treatment \$\mathbb{P}\$ reduct         \$\mathbb{O}\$ MOV 1 3 1997         @DIL G@DN_0         DINT_0         \$\mathbb{D}\$ is \$\dots\$ of \$\frac{1}{2}\$ waste (to be entered by the operator at end of haul):yd^3         Estimated Volume       10         yd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):yd^3         SIGNATURE       10         \$\frac{1}{2}\$ MOV_1       314997         TYPE OR PRINT NAME       10         \$\mathbf{I}\$ (this space for State Use)       10         \$\mathbf{I}\$ the space for State Use)       10	7. Location of Material (Street Add	dress or ULSTR)	8. State
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.         Image: 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.         BRIEF DESCRIPTION OF THE MATERIAL:         \$\dots\$ dots\$ on \$\mathbb{B}\$ is \$\mathbf{S}\$ of \$\mathbf{F}\$ if \$\mathbf{e}\$ - \$\owedge{set}\$ water treatment \$\mathbf{P}\$ reduct         \$\mathbf{D}\$ MOV 1 3 1997         OULL GON:       DIV         \$\mathbf{D}\$ Sole \$\mathbf{f}\$ if \$\mathbf{e}\$ - \$\owedge{set}\$ water the entered by the operator at end of haull:	3911 Maaroe Rd. Farmingt	on NM SAN Juan County	New Mexico
estimated Volume		/ /.	
Bull 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 orgin. 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: Sodium Bisolfite - woste water treatment product  DECENVED NOV 1 3 1997  OILL GONO DIVG DUSTL 8  Estimated Volumevd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):vd <sup>3</sup> SIGNATUREvd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):vd <sup>3</sup> TTPE OR PRINT NAME TITLE DATE DATE DATE		pt oilfield exempt wastes will be accompanied by a	certificate of waste from the Generator; one
BRIEF DESCRIPTION OF THE MATERIAL: Sodium Bisulfite - waste water treatment product DECENVED NOV 1 3 1997 OIL COM. DIV. DIST. 3 Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):yd <sup>3</sup> SIGNATUREMMTITLE <u>[wvinnmental Specialist</u> DATEyd <sup>3</sup> TYPE OR PRINT NAMETIM NobisTELEPHONE NO(505) 334-8894 (This space for State Use) APPPROVED BYTITLEDATE	B. All requests for approval to accept the material is non-hazardous an	pt non-exempt wastes must be accomanied by nec d the Generator's certification of origin. No waste o	essary chemical analyses to prove classified as hazardous by listing or testing
Sodium Bisulfite - waste water treatment product       DECENVED         NOV 1 3 1997       OIL GONo DIVo         DUST 3       DUST 3         Estimated Volume	All transporters must certify that	the wastes delivered are only th	nose consigned for transport.
DECEIVED NOV 1 3 1997 OIL GONo DIVO DISTO 3 Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):yd <sup>3</sup> SIGNATURETITLENV/concerneds 1 Special/34 DATEyd <sup>3</sup> TYPE OR PRINT NAMETIMTITLETELEPHONE NO(505) 334-8894 (This space for State Use) APPROVED BYTITLEDATE	BRIEF DESCRIPTION OF THE MATERIA	\L.:	1
DECEIVED NOV 1 3 1997 OIL GONo DIVO DISTO 3 Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):yd <sup>3</sup> SIGNATURETITLENV/concerneds 1 Special/34 DATEyd <sup>3</sup> TYPE OR PRINT NAMETIMTITLETELEPHONE NO(505) 334-8894 (This space for State Use) APPROVED BYTITLEDATE	Sodium Bisulfite - waste	water treatment product	· · ·
Estimated Volume       10_yd³       Known Volume (to be entered by the operator at end of haul):yd³         SIGNATURE       2////////////////////////////////////			)ECEIVEN
Estimated Volume       10_yd³       Known Volume (to be entered by the operator at end of haul):yd³         SIGNATURE       2////////////////////////////////////		I	NOV 1 3 1997
Estimated Volume       10_yd³       Known Volume (to be entered by the operator at end of haul):yd³         SIGNATURE       2////////////////////////////////////		6	
SIGNATURE			
APPROVED BY TITLE DATE	Estimated Volume <u>/ O</u> yd <sup>3</sup>	Known Volume (to be entered by the operation	ator at end of haul):yd <sup>3</sup>
APPROVED BY TITLE DATE	SIGNATURE ZIM	TITLE Fulling menter 1 51	Percelist DATE 11/3/97
		obis. TELEPI	HONE NO. (505) 334-8894
		n a hinn a star gant a star gant	
		an ang taon ang taon taon taon taon taon taon taon taon	

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# CERTIFICATE OF WASTE STATUS

ID:

1. Generator Name and Address:	2. Destination Name:
Chemical Distributors Inc.	Tierra Environmentel Landfarm
3911 monroe Rd.	
Farmington, NM 87401 3. Originating State (name):	
3. Originating Site (neme):	Location of the Waste (Street address &/or ULSTR):
Chemical Distributors Inc.	3911 Monroe Kd.
Farmington Yard.	Farmington, Nm 87401
Attach list of originating sites as appropriate	
Sodium Bisulfite - Waste	WATER TREATMENT, PRODUCT.
the culture	
This sulfate -	
an an an Anna a	
, JERRY thighes.	representative for:
Print Namel	
- Chemical Aistributors Inc.	da kasaka santa shar
	GIO INSTERIOV CENTRY TRAT.
according to the Resource Conservation and Record	do hereby certify that, very Act (RCRA) and Environmental Protection Agency's July,
according to the Resource Conservation and Record	very Act (RCRA) and Environmental Protection Agency's hity.
according to the Resource Conservation and Record 1988, regulatory determination, the above describe	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification)
Seconding to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT official wests	very Act (RCRA) and Environmental Protection Agency's July, id waste is: (Check appropriate desaillection) EMPT ailfield waste which is non-hazardous by characteristic
Seconding to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT official wests	very Act (RCRA) and Environmental Protection Agency's hity.
according to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT official wests	vary Act (RCRA) and Environmontal Protection Agency's July, d waste is: (Check appropriate classification) ENET ailfield waste which is non-hazardous by characteristic or by product identification
Seconding to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT official wests	vary Act (RCRA) and Environmontal Protection Agency's July, d waste is: (Check appropriate classification) ENET ailfield waste which is non-hazardous by characteristic or by product identification
according to the Resource Conservation and Record 1988, regulatory determination, the above describe EXERPT officied wasts	vary Act (RCRA) and Environmontal Protection Agency's July, d waste is: (Check appropriate classification) EMPT ailfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Seconding to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield wasts	very Act (RCRA) and Environmental Protection Agency's July, id waste is: (Check appropriate classification) EMPT alifield waste which is non-hazardous by characteristic or by product Identification non-exempt non-hazardous waste defined above.
ACCORDING to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield wasts	vary Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification) EMPT ailfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
ACCORDING to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield wasts	very Act (RCRA) and Environmental Protection Agency's July, id waste is: (Check appropriate classification) EMPT alifield waste which is non-hazardous by characteristic or by product Identification non-exempt non-hazardous waste defined above.
ACCORDING to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield wasts	very Act (RCRA) and Environmental Protection Agency's July, id waste is: (Check appropriate classification) EMPT alifield waste which is non-hazardous by characteristic or by product Identification non-exempt non-hazardous waste defined above.
according to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield waste and that nothing has been added to the exempt or a For NON-EXEMPT waste only the following doc RCRA Hazardous Waste Analysis Chain of Custody	very Act (RCRA) and Environmontal Protection Agency's July, d waste is: (Check appropriate classification) EMPT alifield waste which is non-hazardous by characteristic or by product identification man-exempt non-hazardous waste defined above. umentation is attached (check appropriate items): Other (description):
according to the Resource Conservation and Record 1988, regulatory determination, the above describe EXEMPT offield waste and that nothing has been added to the exempt or a For NON-EXEMPT waste only the following doc RCRA Hazardous Waste Analysis Chain of Custody	very Act (RCRA) and Environmontal Protection Agency's July, d waste is: (Check appropriate classification) EMPT alifield waste which is non-hazardous by characteristic or by product identification man-exempt non-hazardous waste defined above. umentation is attached (check appropriate items): Other (description):
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# **ILFC Laboratory Report**

for

## Tierra Environmental Co., Inc.

P.O. Drawer 15250	
Farmington	NM

### Project No: Project Location:

Not Given

Sampler:

Date Sampled: Date Received: Date Reported: Report #:

10/8/97 10/10/97 10/31/1997 97152



• •	LFC Laboratory Report		
Sample Date:	10/8/97	Tierra Environmental Co., Inc.	
Registered Date/Time:	10/16/1997 02:25:44 PM	Not Given	CAI-1

Batch #

97152

Soil

ILFC # 10704

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TCLP Metals analysis by ICP: EPA 6010				
Analyte	MDL	Concentration	Limit	
Arsenic	0.5 mg/l	<0.5	5.0	
Barium	0.2 mg/l	<0.2	100	
Cadmium	0.1 mg/l	<0.1	1.0	
Chromium	0.2 mg/l	<0.2	5.0	
Lead	0.2 mg/l	<0.2	5.0	
Selenium	0.5 mg/l	<0.5	1.0	
Silver	0.2 mg/l	<0.2	5.0	
Mercury	0.001 mg/L	<0.001	0.2	
Analyst	Robert Furlong			
Date Analyzed	'10/17/97		······································	

#### TCLP Volatile Organics: EPA Method 8260

Analyte	MDL (mg/L)	Concentration	Limit (mg/L)
Benzene	0.005	<0.005	0.5
Carbon Tetrachloride	0.005	<0.005	0.5
Chlorobenzene	0.005	<0.005	100.0
Chloroform	0.005	<0.005	6.0
1,4-Dichlorobenzene	0.005	<0.005	7.5
1,2-Dichloroethane	0.005	<0.005	0.5
1,1-Dichloroethylene	0.005	<0.005	0.7
Methyl Ethyl Ketone	0.005	<0.005	200.0
Tetrachloroethylene	0.005	<0.005	0.7
Trichloroethylene	0.005	<0.005	0.5
Vinyl Chloride	0.005	<0.005	0.2
Methylene Chloride	0.005	<0.005	n/a
Acetone	0.005	<0.005	n/a

#### TCLP Base Nuetrals: EPA Method 8270

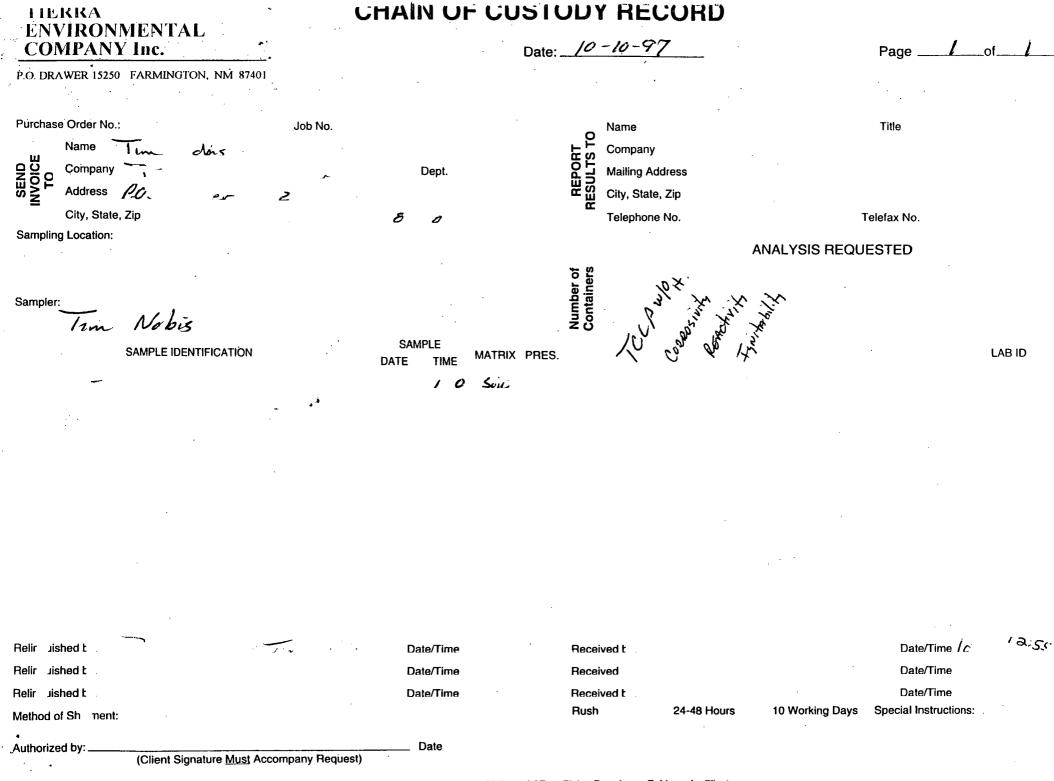
Analyte	MĎL (mg/L)	Concentration	Limit (mg/L)
1,4-Dichlorobenzene	0.005	0.041	7.5
2,4-Dinitrotoluene	0.005	<0.005	0.13
Hexachlorobenzene	0.005	<0.005	0.13
Hexachlorobutadiene	0.005	<0.005	0.5
Hexachloroethane	0.005	<0.005	3.0
Nitrobenzene	0.005	<0.005	2.0
Pyridine	0.005	<0.005	5.0

#### TCLP Acids: EPA Method 8270

Analyte	MDL (mg/L)	Concentration	Limit (mg/L)
o-Cresol	0.005	<0.005	200
m,p-Cresol	0.005	<0.005	200
Pentachlorophenol	0.005	<0.005	200
2,4,5Trichlorophenol	0.005	<0.005	400
2,4,6Trichlorophenol	0.005	<0.005	2.0

	1	_FC Laboratory	Report	-	
Sample Date:	10/8/97	Tierra Environmental Co	., Inc.	· · · · · · · · · · · · · · · · · · ·	CAI-1
Registered Date/Time:	10/16/1997 02:25:44 PM	Not Given		ι Ι	
Batch #	97152	Soil		ILFC #	10704
		Corrosivity			
	pH	Date Analyzed	Analyst		
	2.1	'10/17/97	Robert Furlong		
1		Ignitability			
		IGNT (Celsius)			
		>60C			
		Reactive Cyanide: Method	9010		
		Reactive CN (mg/kg	3)		
		<0.025			
		Reactive Sulfide: Method 9	9030		
		Reactive SU (mg/kg			
		<20			

End of Analyses



	··· · · · · · ·	
Insuret 1(500) 353-0101P.O. Box 1940*New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation Division	Department	ruini 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         (505)         827-7131		Submit Origina Plus 1 Copy to appropriate District Office
<u>District IV</u> (505) 827-7131		
REQUEST FOR APPROVAL TO ACCEPT SC	LID WASTE	97033 25007
1. RCRA Exempt: X Non-Exempt: DATE: $10/21/97$	4. Generator	 
Verbal Approval Received: Yes No By: Drany Foust	Burlington	Resources.
2. Management Facility Destination	5. Originating Si	te ·
Jierra Environmental Landfarm 3. Address of Facility Operator	J.11500 5W	)#1
	6. Transporter	
7. Location of Material (Street Address or ULSTR)	8. State	JCKing
SW/NW Section 8, TAUN R3W Rio Arriba Count	New Mexico	~
9. Check One		<u></u>
A All requests for approval to accept oilfield exempt wastes will be accompanied by a	certificate of waste from the	Generator; one
<ul> <li>Certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by nece</li> </ul>	sean chamical analyses to	Drove
the material is non-hazardous and the Generator's certification of origin. No waste c will be approved.	lassified as hazardous by lis	ting or testing
All transporters must certify that the wastes delivered are only th	ose consigned fo	r transport.
BRIEF DESCRIPTION OF THE MATERIAL:	an a	n an tao na mandri na <u>mana na mana</u> na ang kang sa kang s Kang kang kang sa kang s
Filtered solids and tank Bottoms from inco	ming exemp	+
Waste Fluids.	DECE	WEN
	IV NON - 3	
	OIL CON DIST.	
Estimated VolumeKnown Volume (to be entered by the opera		yd <sup>3</sup>
SIGNATURE DIM TITLE Environmental	So a Solar DATE	·112/27
SIGNATURE TITLE TITLE	/	-
TYPE OR PRINT NAME Tim Nobis TELEPH	ONE NO. <u>(505)</u>	334-8894
(This space for State Use)		
APPROVED BY Denny & Jan TITLE (FED/0G/S) APPROVED BY Same Pour AITLE Geologist	DATE /// DATE ///	3/1/
	Unit <u>///</u>	

U.

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## **CERTIFICATE OF WASTE STATUS**

1. Generator Name and	d Address:	2. Destination Name:
BURLINGTON 1 3535 EAST 300 FARMINGTON	h STREET	TIBRRA LANDFARM
3. Originating Site (na	mc);	Location of the Waste (Street address &/or ULSTR):
JILLSON SWD #1		SW/NW Section 8, T24N, R3W
Attach list of originating sites i 4. Source and Descript		
Filtered solids and tank	bottoms from incoming	exempt waste fluids.
I, <u>Ed Hasely</u>	2019-0	representative for:
according to the Resourc		do hereby certify that, very Act (RCRA) and Environmental Protection ic above described waste is: (check appropriate classification)
according to the Resourc	c Conservation and Reco sulatory determination, th	very Act (RCRA) and Environmental Protection
according to the Resourc Agency's July, 1988, reg X EXEMPT oilfield	x Conservation and Reco sulatory determination, th wasto	very Act (RCRA) and Environmental Protection is above described waste is: (check appropriate classification) NON-EXEMPT oilfield waste which is non- hazardous by charactoristic analysis or by product
according to the Resource Agency's July, 1988, reg $\underline{X}$ EXEMPT oilfield and that nothing has been	c Conservation and Reco culatory determination, th wasto n added to the exempt or	very Act (RCRA) and Environmental Protection is above described waste is: (chock appropriate classification) NON-EXEMPT oilfield waste which is non- hazardous by charactoristic analysis or by product identification
according to the Resource Agency's July, 1988, reg $\underline{X}$ EXEMPT oilfield and that nothing has been	c Conservation and Reco gulatory determination, th wasto n added to the exempt or ste only the following doo m Waste Analysis	very Act (RCRA) and Environmental Protection is above described waste is: (check appropriate classification) NON-EXEMPT oilfield waste which is non- hazardous by charactoristic analysis or by product identification
according to the Resourc Agency's July, 1988, reg <u>X</u> EXEMPT oilfield and that nothing has been For NON-EXEMPT was MSDS Informatio RCRA Hazardous	c Conservation and Reco gulatory determination, th wasto n added to the exempt or ste only the following doo m Waste Analysis	<ul> <li>very Act (RCRA) and Environmental Protection is above described waste is: (chock appropriate classification)</li> <li>NON-EXEMPT oilfield waste which is non- hazardous by charactoristic analysis or by product identification</li> <li>non-exempt non-hazardous waste defined above.</li> </ul>
according to the Resourc Agency's July, 1988, reg <u>X</u> EXEMPT oilfield and that nothing has been For NON-EXEMPT was MSDS Informatio RCRA Hazardous Chain of Custody	c Conservation and Reco gulatory determination, the wasto an added to the exempt or ste only the following doe waste Analysis	<ul> <li>very Act (RCRA) and Environmental Protection is above described waste is: (check appropriate classification)</li> <li>NON-EXEMPT oilfield waste which is non- hazardous by charactoristic analysis or by product identification</li> <li>non-exempt non-hazardous waste defined above.</li> </ul>

P.O. Box 1940 New Mexico	
Hobbs, NM 88241-1980 District II (505) 748-1283 Energy Minerals and Natural Resources	Department
Bit S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	
District III (505) 334-6178 Santa Fe, New Mexico 87505	Submit Origi Plus 1 Copy
Aztec, NM 87410 (505) 827-7131	to appropriat District Offic
	n na sana ang sana sana ang sana sang sana sang sang
REQUEST FOR APPROVAL TO ACCEPT SO	DLID WASTE 97025
1. RCRA Exempt: YES Non-Exempt: DATE: 10-17-97	4. Generator
Verbal Approval Received: Yes X No By: Johnny Robice	MARATHEN OIL
2. Management Facility Destination	5. Originating Site
3. Address of Facility Operator	Schwindtfeger #2
420 Ch 3100 Arte NM 87401	6. Transporter
7. Location of Material (Street Address or ULSTR)	8. State
Schwindtleger #2	NM
9. <u>Check One</u>	. (
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 o 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 th	ose consigned for transport.
BRIEF DESCRIPTION OF THE MATERIAL:	FINER
SHALE SCALE NOV	EIVED - 3 1997
	ON. DIV.
No Norm's Disclaimen new certificate	STL 3
No Norm's Disclaimen new certificate include This statement.	e of waste will
Estimated Volume2~3yd <sup>3</sup> Known Volume (to be entered by the opera	tor at end of haul): Zyd <sup>3</sup>
	e e tra la la contra de la contra esta esta esta esta esta esta esta est
SIGNATURE Bla Well TITLE Environmental Spe	<u>cualis</u> DATE <u>10-17-97</u>
TYPE OR PRINT NAME <u>Blaine Williams</u> TELEPH	IONE NO. <u>(505) 334-8894</u>
(This space for State Use)	
APPROVED BY DENNY GIFOUST TITLE Feblogist	date _ <i>11/3/97</i>
APPROVED BY Mig Touch TITLE Ceologist	DATE 4/13/97

الم المركز الم

Post-it* Fax Note 7671	Date 10-23 Pages /
To MARATIEN CIL	From Blaine Williams
Co./Dept.	Co. TIBERA Environmental
	Phone # 334-8894
Fer# 326-2785	Fax# 334-9024

## **CERTIFICATE OF WASTE STATUS**

1. Generator Name and Address:	2. Dentination Name:
MANATHON OIL CO	
P.O. BOX 1439	
Farmington, N.M. 82489	TIEREA Environmenter Co Inc. Lawbraken
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Schwardt feger 2	
Attach flot of originating state as appropriate	
4. Source and Description of Waste	
Shale + scale	
. Com a Danshere	representative for:
1. <u>GANY W. Donyhey</u> (Print Name) Marathon 0:1 Co.	Lebe estaurandes 101:
Marathan Dil Co	do hereby certify that
according to the Bessure Concentrice and Recov	ery Act (RCRA) and Environmental Protection Agency's July,
1988, regularory detarmination, the above described	• • •
	MPT oilfield waste which is non-hazardous by characteristic or by product identification on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following docu MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	Imentation is attached (check appropriate items): Other (description):
Name (Original Signature): Daug W. Don Title: Froduction Supervisor	uphen

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	ste de la constantino. La constantino de la c
District II(505) 333-0101New MexicoP.O. Box 1940Energy Atinerals and Natural ResourHobbs, NM 88241-1980Energy Atinerals and Natural ResourDistrict II(505) 748-1233811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco StreetDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New Mexico 8756Artee, NM 87410(505) 827-7131	DD t
REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE 9600
1. RCRA Exempt: Non-Exempt: DATE: 9/23/97	7 4. Generator
Verbal Approval Received: Yes No By D. Foust	Red Cedar
2. Management Facility Destination	5. Originating Site
Tierra Landfarm	ArkANSAS LOOD
3. Address of Facility Operator	6. Transporter <sup>7</sup>
7. Location of Material (Street Address or ULSTR) Sec. 2, 32	HAWKER
$\int \frac{1}{2} \int $	N 8. State
9W-LAPLATA COUNTY	Colorado
9. Check One	
<ul> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by the material is non-hazardous and the Generator's certification of origin. No we will be approved.</li> <li>All transporters must certify that the wastes delivered are on</li> </ul>	aste classified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Spent Chance Al	Media From two.
Process UNits. DEGENV	/ED
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the	DOVZ
SIGNATURE C. Note: TITLE TITLE	· · · · · · · · · · · · · · · · · · ·
TYPE OR PRINT NAME . C. S TE	LEPHONE NO. 505) 334-8894
(This space for State Use)	
PPROVED BY Service Bung Stille Colog 13T	DATE
PPROVED BY Since Durch FITLE Conformation	DATE

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# CERTIFICATE FROM OUT OF STATE AGENCY AUTHORIZING REMOVAL OF RCRA EXEMPT OILFIELD WASTE ROM THEIR JURISDICTION TO NEW MEXICO

I have reviewed the enclosed information concerning the oilfield waste material from location\_<u>Arkansas Loop Plant-LaPlata Cty</u>, <u>Colo</u> and agree that by its description it is non-hazardous and therefore exempt from regulation by the Resource Conservation and Recovery Act (RCRA) and my jurisdictions rules, regulation or statute.

x The material is exempt from regulation because it is classified as nonhazardous oilfield waste by definition.

The material is exempt from regulation by characteristic analyses.

The material is exempt from regulation by product identification.

## THEREFORE:

As a representative for <u>Bureau of Indian Affairs</u> I have no objections to the material being removed to New Mexico.

NAME: Breuninger_ S	TITLE: <u>Superintendent</u>
SIGNATURE:	DATE: <u>9/16/97</u>
AGENCY: Bureau of Indian Affairs	0 /
ADDRESS: <u>PO Box 315, Ignacio, CO</u>	. 81137
PHONE: (970) 563-4514	ý.:

**CERTIFICATE OF WASTE STATUS** 

1.	Generator Name and Address:	2. Destination Name:	
	Red Cedar Gathering Company 26266 Highway 160 Durango, CO 81301	TIERRA Environmenner Co-Fue, LANSITHEN	
3.	Originating Site (name): Location of the Waste (Street address &/or ULSTR):		
	Arkansa Loop Plant - LaPlata (	County Colorado section 2 of 32N. 9W	
	Attach list of originating eltes as appropriate		
4.	Source and Description of Waste Spent charcoal filter media from two proceses		
ļ	- Plant one - 3 tons - removal	l week of September 22, 1997.	
	- Plant two - 3 tons - remova	l week of September 29, 1997	

I, James H.	Mayo, CSP	<b>18</b>	presentative for:
-	Print Name)		- ,
Red Cedar according to the Resource Cons 1988, regulatory determination, 1		RCRA) and Environmental I	
$\underline{\chi}\underline{\chi}$ EXEMPT oilfield waste	NON-EXEMPT oilfin analysis or by prod	eld waste which is non-haz act identification	ardous by characteristic
and that nothing has been added	to the exempt or non-exemp	nt non-hazardous waste del	ined above.
For NON-EXEMPT weste only MSDS Information RCRA Hazardou Chain of Custor	on s Waste Analysis	<pre>(cneck appro)</pre>	
Name (Original Signature):	nes H Mayo	-	· · · · · · · · · · · · · · · · · · ·
Title: Manager, Safety	& Enviroméntal	-	
Date: September 9, 19	97	<u></u>	

=> NEU CEDAN GAINERING;

1:0466;

3-31;

RECEIVED:

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Insurce 1(505) 352-0101P.O. Box 1940New MexicoHobts, 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 Origi Plus 1 Copy to appropriat District Offic.
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97033 96007
1. RCRA Exempt: Non-Exempt: DATE:	4. Generator
Verbal Approval Received: Yes No By: Denny Foust 2. Management Facility Destination <u>Tierra Environmental Land Farm Facility</u> 3. Address of Facility Operator	Burlington Resources 5. Originating Site Jillson SWD #1 6. Transporter
420 C.R. 3100 Aztec, NM 87410	Dawn Trucking
7. Location of Material (Street Address or ULSTR)	8. State
5-8 T-24N R-3W 1/45W 1/4 NW County	NM
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a concertificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by necess the material is non-hazardous and the Generator's certification of origin. No waste can will be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only the second s</li></ul>	ssary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: Filtered Solids and Tank Bottoms from incoming	
DECEIVE N SEP 1 8 1997 OIL GON. D	ED We edid connect Certificate of Waste
Estimated Volume 400 6615 yd 3 Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>
SIGNATURE AIM TITLE ENVIRONMENTAL SP. TYPE OR PRINT NAME Tim Nobis TELEPH	<u>ecialist</u> DATE <u>8-20-97</u> ONE NO. (505) 334-8894
APPROVED BY Jemp Brach TITLE Geologist APPROVED BY Environ Brach TITLE Geologist	DATE 9/19/97 DATE 9/23/97

## 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>g</u>T-<u>24</u><sub>W</sub>R-<u>3</u><sub>w</sub>1/4<u>5</u><sub>W</sub>1/4<u>N</u><sub>w</sub>County<u>R</u><sub>i</sub><u>B</u>ArafasState\_<u>N/M</u> Physical Address if appropriate:

Source and description of waste: - Filtered Solids & tank bettoms from incoming exempt - wasto Ehvide

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

Burfington Resources for

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

<u>Corrosivity</u>, 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 CRAIG Brik Representative Title Environmental Date <u>\$19197</u>

# **CERTIFICATE OF WASTE STATUS**

1. Generator Name and	d Address:	2. Destination Name:	<u> </u>				
BURLINGTON 3535 EAST 30th FARMINGTON	h STREET	TIERRA LANDFA	RM				
<ol> <li>Originating Site (na JILLOSN SWD #1</li> </ol>	me):	Location of the Waste (Str ULSTR):	eet address &/or				
		SW/NW Section 8, T24N,	R3W				
Attach list of originating sites a	as appropriate.						
4. Source and Description of Waste:         Filtered solids and tank bottoms from incoming exempt waste fluids.         DEC         SEP			DECEIVED N SEP 2 6 1997				
		·	OIL CON. DIV. DISL 3				
I, Craig A. Bock		reț	presentative for:				
BURLINGTON RESOURCES do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (check appropriate classification)							
—		EXEMPT oilfield waste which is non- ous by characteristic analysis or by product cation					
and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.							
For NON-EXEMPT was	ste only the following documentation	is attached (check appropriate it	ems):				
MSDS InformationOther (description):RCRA Hazardous Waste AnalysisChain of Custody							
Name (Original Signature):	- Abo	ek.					
Title:	ENVIRONMENTAL REPRESEN	TATIVE					
Date:	Date: SEPTEMBER 24, 1997						

-	District I(505) 533-0101P.O. Box 1940New MexicoHobbs, NM- 88241-i980Energy 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	FUTH C-1 Orgunated 4/18/00 Department Submit Orig Plus 1 Copy to appropria District Offi	
	REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97017	
	1. RCRA Exempt: X Non-Exempt: DATE: 9-15-97	4. Generator	
	Verbal Approval Received: Yes No By: D. Foust	Basin Disposal	
	2. Management Facility Destination	5. Originating Site	
	Jierra Environmental Landfarm Facility 3. Address of Facility Operator	Basin Disposal	
	420 C.R. 3100 Aztec NM 87410	6. Transporter	
	7. Location of Material (Street Address or ULSTR)	8. State	
	#6 C.R. 5046 Bloomfield, NM 87413 County	Non Maria	
9 Check One			
	All requests for approval to accept oilfield exempt wastes will be accompanied by a co	ertificate of waste from the Generator; one	
<ul> <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> </ul>			
	All transporters must certify that the wastes delivered are only those consigned for transport.		
	BRIEF DESCRIPTION OF THE MATERIAL: Oilfield Waste Mixed with Dirt		
	(Stabilized tank Bottoms and Sludges)	DORINER	
		DECEIVEU	
		OIL CON. DIV. Mat. 3	
	Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operato		
		<i>i</i> . • • • • •	
	SIGNATURE		
	TYPE OR PRINT NAME Tim Nobis TELEPHO	DNE NO(505) 334-8894	
	(This space for State Use)		
	APPROVED BY Newy 21 tem TITLE Geologist	DATE <u>9/17/97</u>	
	APPROVED BY Juseh_TITLE Geologiat	DATE <u>9/18/97</u>	
	-		

## **CERTIFICATE OF WASTE STATUS**

1

1.

1. Generator Name and Address:	2. Destination Name:
Basin Disposal, Inc.	
2.0. Box (00	
Aztec, Nm 87410	TIERRA ENVIRONMENTEL CO FAC, LAWSFARM
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Basin Disposal	6 ER 5046
	Bloomfield, Nm 87413
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Oilfield waste mixed with divt	
	and a second
1, Keith Johnson (Print Name)	representative for:
(Print Name)	do berehv certify that
Busin Disposal, Inc	do hereby certify that, very Act (RCRA) and Environmental Protection Agency's July,
Busin Disposal, Inc	very Act (RCRA) and Environmental Protection Agency's July,
Basin Disposal, Inc. according to the Resource Conservation and Record 1988, regulatory determination, the above describe	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification)
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         MON-EX         analysis	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification
Basin       Disposal, Inc.         according to the Resource Conservation and Recording to the Resource Conservation and Recording to the above describe         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         analysis         and that nothing has been added to the exempt or the second to the	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         MON-EX         analysis	very Act (RCRA) and Environmental Protection Agency's July, d waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basim       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         MON-EX         analysis         and that nothing has been added to the exempt or the         For NON-EXEMPT waste only the following doct        MSDS Information        RCRA Hazardous Waste Analysis	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         MON-EXEMPT         analysis         and that nothing has been added to the exempt or the         For NON-EXEMPT         Waste         MSDS         Information	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basin       Disposal, Inc.         according to the Resource Conservation and Record         1988, regulatory determination, the above describe         X       EXEMPT oilfield waste         MON-EX         analysis         and that nothing has been added to the exempt or the         For NON-EXEMPT waste only the following doct        MSDS Information        RCRA Hazardous Waste Analysis	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Bastn       Disposal, Jnc         according to the Resource Conservation and Recording to the Resource Conservation and Recording to the Resource Conservation, the above describes         ★       EXEMPT oilfield waste         ▲       EXEMPT oilfield waste         ■       NON-EXEMPT analysis         and that nothing has been added to the exempt or the following doct         ■       MSDS Information         ■       RCRA Hazardous Waste Analysis         ■       Chain of Custody	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basin       Disposal, Jnc         according to the Resource Conservation and Recording to the Resource Conservation and Recording to the Resource Conservation, the above describes         X       EXEMPT oilfield waste         MON-EX       analysis         and that nothing has been added to the exempt or a         For NON-EXEMPT waste only the following doct         MSDS Information         RCRA Hazardous Waste Analysis         Chain of Custody	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Basin       Disposal, Jnc         according to the Resource Conservation and Recording to the Resource Conservation and Recording to the Resource Conservation, the above describes         X       EXEMPT oilfield waste         MON-EX       analysis         and that nothing has been added to the exempt or a         For NON-EXEMPT waste only the following doct         MSDS Information         RCRA Hazardous Waste Analysis         Chain of Custody	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.
Bastn       Disposal, Jnc         according to the Resource Conservation and Recording to the Resource Conservation and Recording to the Resource Conservation, the above describes         ★       EXEMPT oilfield waste         ▲       EXEMPT oilfield waste         ■       NON-EXEMPT analysis         and that nothing has been added to the exempt or the following doct         ■       MSDS Information         ■       RCRA Hazardous Waste Analysis         ■       Chain of Custody	very Act (RCRA) and Environmental Protection Agency's July, ad waste is: (Check appropriate classification) EMPT oilfield waste which is non-hazardous by characteristic or by product identification non-exempt non-hazardous waste defined above.

P.O. Box 1940 Hobbs, NM 88241-1980	New Mexico Minerals and Natural Resource	ruinu U Orginater 4/0
<u>District II</u> (505) 748-1283 811 S. First	Oil Conservation Division	<b>.</b> .
Artesia, NM 88210	2040 South Pacheco Street	Submit O
District III (505) 334-6178 1000 Rio Brazos Road	Santa Fe, New Mexico 87505	Plus 1 Co
Aztec, NM 87410	(505) 827-7131	to approp District O
<u> Mistrict IV_(505) 827-7131</u>		
	ST FOR APPROVAL TO ACCEPT	SOLID WASTE 9600
la construction de la constructi	Exempt: <b>DATE:</b> <i>8/13/97</i>	4. Generator
2. Management Facility Destination		CONOCO NGP
0		5. Originating Site SAN JUAN 61 CR 4900 CO,
Tierra Crouch M.	esa Landfurm	61CR 4900 Co,
3. Address of Facility Operator		6. Transporter
420 CR 3100 5.	AN JUAN CO NM	Rilev
7. Location of Material (Street	Address or ULSTR)	8. State
61 (R 4900 S	ANIJUAN CONM	NM
9. Check One	· · ·	
9. <u>Check One</u>	accept oilfold over at waster will be accempanied by	
9. <u>Check One</u>	accept oilfield exempt wastes will be accompanied by	a certificate of waste from the Generator; one
<ul> <li>9. <u>Check One</u></li> <li>A. All requests for approval to certificate per job.</li> <li>B. All requests for approval to</li> </ul>	accept oilfield exempt wastes will be accompanied by accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast	ecessary chemical analyses to prove
<ul> <li>9. <u>Check One</u></li> <li>A. All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul>	accept non-exempt wastes must be accomanied by n	ecessary chemical analyses to prove e classified as hazardous by listing or testing
<ul> <li>9. <u>Check One</u></li> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast nat the wastes delivered are only	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport.
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast the wastes delivered are only ERIAL: $Scrubber Wastch$	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport.
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast nat the wastes delivered are only	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport.
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast the wastes delivered are only ERIAL: $Scrubber Wastch$	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport.
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast the wastes delivered are only ERIAL: $Scrubber Wastch$	eccessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport. From Cas Plant c) PEGEIVED AUG 1 9 1997
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER Operations Moderness Moderness Magence for the material sectors and the sectors approved.</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast mat the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport. From Cas Plant c) DECEIVED AUG 1 9 1997 OIL CONO DIVO
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER</li> </ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast mat the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg	ecessary chemical analyses to prove a classified as hazardous by listing or testing those consigned for transport. From Gas Plant c) DEGEIVED AUG 1 9 1997 OIL GOING DOVG DISTG 3
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER Operations Mission and the second secon</li></ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast mat the wastes delivered are only ERIAL: $Scrubber Wasters$ SDS Attached (Sludg Known Volume (to be entered by the ope	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport. From Gas Plant c) DECEIVED AUG 1 9 1997 OIL CON: DOV: DIST: 3 erator at end of haul):yd
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATE Operations Missing and the second second</li></ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast that the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg Known Volume (to be entered by the open TITLE <u>Machan</u>	ecessary chemical analyses to prove a classified as hazardous by listing or testing those consigned for transport. From Gas Plant e) DECEIVED AUG 1 9 1997 OIL CONO DOVO DISTO 3 erator at end of haul:yd DATE
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATER Operations Mission of the material structure of the material structure of the structure o</li></ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast that the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg Known Volume (to be entered by the open TITLE <u>Machan</u>	ecessary chemical analyses to prove e classified as hazardous by listing or testing those consigned for transport. From Gas Plant c) DECEIVED AUG 1 9 1997 OIL CON: DOV: DIST: 3 erator at end of haul):yd
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<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATE Operations Mission of the material structure of the material structure of the second s</li></ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast that the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg Known Volume (to be entered by the open 	eccessary chemical analyses to prove a classified as hazardous by listing or testing those consigned for transport. From Gas Plant c) DEGEIVED AUG 1 9 1997 $OIL GOID DOV_{0}$ $DIST_{0} 3$ erator at end of haul):yd DATE <u><math>8/15/9.7</math></u> PHONE NO
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to certificate per job.</li> <li>B. All requests for approval to the material is non-hazardou will be approved.</li> </ul> </li> <li>All transporters must certify the BRIEF DESCRIPTION OF THE MATE Operations Missional and the material structure of the second structure of the second</li></ul>	accept non-exempt wastes must be accomanied by n us and the Generator's certification of origin. No wast that the wastes delivered are only ERIAL: Scrubber Waste SDS Attached (Sludg Known Volume (to be entered by the open TITLE <u>Machan</u>	eccessary chemical analyses to prove a classified as hazardous by listing or testing those consigned for transport. From Gas Plant c) DEGEIVED AUG 1 9 1997 $OIL GOID DOV_{0}$ $DIST_{0} 3$ erator at end of haul):yd DATE <u><math>8/15/9.7</math></u> PHONE NO

#### .1

## CERTIFICATE OF WASTE STATUS

1. Generator Name		2. Destination Nome:
Conoco Inc		Tierra Environmental Co., Inc.
San Juan Gas	Plant	Tierra Land Farm Facility
61 CR 4900		420 CR 3100
Bloomfield, M		Aztec, San Juan County NM 87410
3. Originating Site (	nama]:	Location of the Wester (Street eddress &/or ULSTR);
	e (Generator)	
4. Source and Desci	ning sives as expreptieto singlem of Wester	
	•	
	System - H2S treating/se	rubbing
Sulfa Guard	609	
<b>1</b> .		
i i		
. Richard R T		representative for:
	(Print Namo)	
Conoco Inc	NG&GP, San Juan Gas Plan	t in hereby senter star
the second s	NG&GP, San Juan Gas Plan	
seconding to the Res	nuros Conservation and Recover	t do hereby certify that, y Act (RCRA) and Environmental Protection Agency's July, waste is: (Chesk appropriate classification)
seconding to the Res	nuros Conservation and Recover	y Act (RCRA) and Environmental Protection Agency's July,
seconding to the Res	ource Conservation and Recover unningtion, the above described	y Act (RCRA) and Environmental Protection Agency's July,
according to the Res 1988, regulatory dete	nurce Conservation and Recover umination, the above described weste NOR-EXEM	y Act (RCRA) and Environmental Protection Agency's July, waste is: (Chesk appropriate classification)
seconding to the Res 1988, regulatory dete <u>x</u> EXEMPT cliffold	nurce Conservation and Recover umination, the above described waste NOR-EXEM analysis or	y Act (RCRA) and Environmental Protection Agency's July, waste is: (Chesk appropriate algorithection) PT elificial waste which is non-hazardous by characteristic by product identification
seconding to the Res 1988, regulatory dete <u>x</u> EXEMPT cliffold	nurce Conservation and Recover umination, the above described waste NOR-EXEM analysis or	y Act (RCRA) and Environmental Protection Agency's July, waste is: (Chesk appropriate classification) PT elificid waste which is non-hazardous by characteristic
according to the Res 1988, regulatory deta <u>x</u> EXEMPT elifield and that nothing has	nurce Conservation and Recover unnination, the above described waste NOR-EXEM analysis or been added to the exempt or nor	y Act (RCRA) and Environmental Protection Agency's July, waste is: (class appropriate desertions) PT elifield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
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Trede agus	Not available.	· · · · · · · · · · · · · · · · · · ·			la canad	TRANSPORTA	1
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;	ABBEVILLE						
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Astronio!							
		87-56-1	<15	TWA: 200 STE	L: 250 (com)	ORAL (LD50)	haka: Acute
		57-56-1	<15	TWA: 200 STE	L: 250 (ppm) L: 328	ORAL (LD50) 1 5628 (Ref). DE	
		57-56-1	<15	TWA: 200 STE TWA: 260 STE (mg/m <sup>3</sup> )	L: 250 (ppm) L: 328	5628 (Ret). DE (LD50) mg/kg:	Acute: 1580
		67-56-1	<15	TWA: 260 STE	L: 250 (ppm) L: 328	5528 (Rat). DE (LDS0) mg/kg: (Rabbit). VAP	Acute: 1580 2R (LC50)
		87-56-1	<15	TWA: 260 STE	L: 250 (ppm) L: 328	5525 (Rat). DE (LD50) mg/lig: (Rebbit). VAP ppm : Acute: (	Acute: 1580 2R (LC50)
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manganey Overvier	CAUTIC MAY CA	NI NISE EYE IRG	STATION. 1	TWA: 260 STE (mg/m <sup>3</sup> )	L: 328	5828 (Rat). DE (LD50) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)),	Resal Acute: 1580 2R (LC80) 54000 (Rat.)
annyoney Overvier louses of Butry	CAUTIC MAY CA Eye cont		STATION. 1	TWA: 260 STE (mg/m <sup>3</sup> )	L: 328	5828 (Rat). DE (LD50) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)),	Resal Acute: 1580 2R (LC80) 54000 (Rat.)
imangomey Overvier louses of Butry rotential Acute Rica	CAUTIC MAY CA Eye cont ith Slightly	AUSE EYE IRF	RITATION. I Inhalation. dangerous in	TWA: 260 STE (mg/m <sup>3</sup> ) MAY CAUSE SK	L: 328 IN IRRITATIC	5828 (Rat). DE (LD30) mg/kg: (Rabbit). VAP( ppm : Acute: ( (4 hour(s)), ON.	RMAL Acute: 1580 2R (LC89) 54000 (Rat.)
annyoney Overvier louses of Butry	CAUTIC MAY CA Eye cont ith Slightly ingestion	act. Ingestion.	RITATION. I Inhalation. dangerous in Very slight	TWA: 260 STE (mg/m <sup>3</sup> ) MAY CAUSE SK n case of skin co by to slightly dam	L: 328 IN IRRITATIC Intact (Irritani gerous in case	5828 (Ref.) DE (LD50) mg/kg: (Rebbit): VAP( ppm : Acute: ( (4 hour(s)), ON.	C (irritant), of
imangomey Overvier louses of Butry rotential Acute Rica	Eye cont MAY CA Eye cont Mit Slightly ingestion Severe (	AUSE EVE IRE	RITATION. I Inhalation. dangerous in Very slight can result in	TWA: 260 STE (mg/m <sup>3</sup> ) MAY CAUSE SK n case of skin co by to slightly dam	L: 328 IN IRRITATIC Intact (Irritani gerous in case	5828 (Rat). DE (LD30) mg/kg: (Rabbit). VAP( ppm : Acute: ( (4 hour(s)), ON.	C (irritant), of
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mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont its Slightly ingestic Severe infaste c infaste c	act. Ingestion. dangerous to n of inhalation over-supcoure yes and skin up togenic EFFE	UTATION. I Inhalation. dangerous in . Very slight can result in pon contact. PECTS: No CTS: Not avi	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK an case of skin co dy to slightly dan desth. Can be fa t available. filable. The su	IN IRRITATIC mtact (irritani gerous in cas itel if inhaled ( MUTAGENSC bstance is too	5828 (Ref.) DE (LD30) mg/kg: (Rebbit.) VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	RMAL Acute: 1580 2R (LCS0) 54000 (Rat.) (initant), of (permestor). product may available svatam, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont its Slightly ingestic Severe to infaste c infaste c TERATO reprodu	act. Ingestion. dengerous to n of inhelation over-supcoure yes and skin up VOGENIC EFFE cive system.	Can result in con contact. PECTS: Not ava Repeated o	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin ch dy to slightly dan desth. Can be fa t available. the suilable. The sui prolonged expo	IN IRRITATIC IN IRRITATIC pontact (irritani gerous in cas itel if inhaled ( MUTAGENIC batance is too paura to the s	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCS0) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rebbit.) VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
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mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the
mangomey Overvier louses of Butry lotential Acute Field	CAUTIC MAY CA Eye cont ith Slightly ingestion Servere of infaste of infaste in	AUSE EVE IRF act. Ingestion. dengerous to n of inhelation over-supcoure of yes and skin up NDGENIC EFFE cive system. samage. Reps	Repeated o ated exposure	TWA: 260 STE (mg/m <sup>3</sup> ) AAY CAUSE SK AAY CAUSE SK h case of skin cr dy to slightly dan doeth. Can be fa t available. f prolonged expo e to an highly toxi	IN IRRITATIC IN IRRITATIC gerous in cas itel if inhaled of MUTAGENIC bstance is too sture to the s or material mark	5828 (Ref.) DE (LD30) mg/kg: (Rabbit). VAP ppm : Acute: ( (4 hour(s)), (4 hour(s)), (4 hour(s)), (5 hour(s)), (6 hour(s)), (7 hour(s)), (6 hour(s)), (7 hour(s)),	Acute: 1580 2R (LCSO) 54000 (Rat.) (irritant), of (permestor). product may available system, the

# AUG 11'97 7:57 FR CONC' SJGP RMD 5056324930 T 1-334-9024 P.03/05

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04-28-1997 02:129M F. Coastal Fluid Tech TU .563249301999 P.01

1 - - -1 ٠t

SulfeGuard 609	Psiye Number: 2
ye Contact	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for a least 16 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ontiment. Seek medical attantion.
iin Çostart	If the chemical got onto the clothed portion of the body, remove the contaminated clothes a quickly as possible, protecting your own hands and body. Place the victim ender a delug shower. If the chemical touches the victim's exposed skin, such as the hands: Gently an thoroughly wash the contaminated skin with running water and non-abrasive scap. Be particulan careful to clean folds, crevices, creases and groth. COLD water may be used. Cover the imitate skin with an emollient. If imitation persists, seek medical attention. Wash contaminated clothin before rausing.
mardous Skin Contact	Weeh with a disinfectant scap and cover the contaminated skin with an anti-bacterial cream Sesk immediate medical attention.
shqletion	Allow the victim to next in a well ventilated area. Seek immediate medical attention.
harfous Inhalition	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, the belt or ivalaband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid: give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. See immediate medical attention.
BERIOS	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Set immediate medical attention.
lizzrious lageston	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues and damaged, a possible indication that the toxic material was ingested; the absence of such sign however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or weistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention
Tendustofility of the reduct	Flammable.
eto Ignitios Temperature	The lowbat known value is 385°C (725°F) (Mathanol).
Task Points	The lowest known value is OPEN CUP: 11.111°C (32°F) (Cloveland) (Meghanol)
Tammable Limits	The greatest known range is LOWER: 6% UPPER: 36.5% (Methanol)
Predects of Combustion	These products are carbon oxides (CO, CO2),
Fire Finzards in Presence o Farboun Substances	I Highly flammable in presence of open flames and sparks, of heat, of combustible materials.
Explosion Hazards in Presidences Substances	Risks of explosion of the product in presence of mechanical impact. Not evaluable. Risks of explosion of the product in presence of static dischargs: Not available. No specific information is available in our database regarding the product's risks of explosion the product's risks of explosion.
ftre Righting Modia and Thetractions	Fismmable liquid, soluble or dispersed in water. SMALL FIRE: Use DRY chemicals, CO2, alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet order to prevent pressure build-up, autoignition or explosion.
Special Researchs on Pire Mexands	Explosive in the form of vapor when exposed to heat or flame. Vepor may travel considerat distance to source of ignition and flash back. When heated to decomposition, it emits acrid smo and imitating fumes. (Methanol) No additional remark.
Spodiál Reinerics où	

APR 28 '97 7:59

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	CONOCC SJGP RMD		9-334-9024	
84-28-1997 82-16A	1 F Coastal Fluid Tech	TO	<i>3</i> 632493 <b>819</b> 99	P.84
SelfeGuerd 609			Pb	ge Aunber
Propper Shipping Name	Flammable liquids n.o.s.			
DOT Chesification	·			• •
	DOT CLASS 3: Flammable liquid.			· .
DOT Identification Number	UN 1993			
Packing Group	PGI	· · · · · · · · · · · · · · · · · · ·		
Hasordous Substanced				· · · · · · · · · · · · · · · · · · ·
Reportable Quantity	9071:8			
Special Providious for	(contains Methanal)	,		
Transport				
Federal and Spate	The following and solid in factor			
n Regulations	The following product(s) is (are) its The following product(s) is (are) its	190 on SARA 313; , Mot tad by the State of Mass	NESTOI	3
	The following product(s) is (are) list	ted on TSCA: Methanol	ala ng bollo. Mang regi ng	
	• 			
Other Classifications	WHINES (CHERAGE) WHIMIS CLASS	B-2: Flammable liquid wit	h a flash point lower t	han 37.8°C
	(100°F). WHMIS CLASS	D-2A: Material causing of	her toxic effects A/SE	
	DSCL (EEC) R12- Extremely			
	R2S- Very toxic	if swallowed.		· .
			en en Brien	
A STATIS ALL STATIS				
HMIS (U.S.A.)		oual Fire	3 Ptre	Reeard
HMIS (U.S.A.)	Prot	ection		Kaeard
HMIS (U.S.A.)	Prot		· 2 0 Bu	
	Portection C	ection	· 2 0 Bu	sectivity
Reference Not a	Paradial Protection C	ection	· 2 0 Bu	sectivity
References Not a Other Species No a Considerations	Portender C Asso	ection	· 2 0 Bu	sectivity
References Not a	Porocial Protocon C Porocial Protocon C sveilable ciclificnel remark. s eta 3/14/97.	ection clation (U.S.A.) Heats ortfleed by Charles Toups.	· 2 0 Bu	sectivity
References Not a Ottor Species Alo a Considerations Validated by Chastes Youp:	Porocial Protocon C Porocial Protocon C sveilable ciclificnel remark. s eta 3/14/97.	ection clation (U.S.A.) Heats	· 2 0 Bu	sectivity
References Not a Ottor Spocial Alo a Considerations Validated by Chaster Toup: 12200550057 Constant	Porocial Protocon C Porocial Protocon C sveilebio ciclificnel remark. s eta 3/14/97.	ection clation (U.S.A.) Heats ortfleed by Charles Toups.	· 2 0 Bu	sectivity
References Not a Ottor Special Alo a Considerations Validated by Charles Toup Editories Y Contract Consideration of the State Contract of Second	Porocial Protocon C Porocial Protocon C Sveilable Scificnal remark. S eta 1/D4/97. Paratel MEM-TEL, MC 1-500-366 Store	ection clation (U.S.A.) Heatri erfies by Charles Toups. risted 4/28/97.		sectivity
References Not a Ottor Special No a Considerations Validated by Chartes Temp Later state of a later of a Natice to Report	Personal Protection C Asso Personal Protection C Asso available ciclificnal remark. 3 cia 1/104/97.	ection clation (U.S.A.) Heatri erfies by Charles Toups. risted 4/28/97.		isertuky
References Not a Ottor Special No a Considerations Validated by Chartes Temp Later state of a later of a Natice to Report	Porocial Protocon C Porocial Protocon C sveilebio ciclificnel remark. s eta 3/14/97.	ection clation (U.S.A.) Heatri erfies by Charles Toups. risted 4/28/97.		isertuky
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References Not a Ottor Special No a Considerations Validated by Chartes Temp Lattingency Contacts Natice to Report Prote to door backing ad interest	Personal Protection C Asso Personal Protection C Asso available ciclificnal remark. 3 cia 1/104/97.	ection clation (U.S.A.) Heatri erfies by Charles Toups. risted 4/28/97.		sectory

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## AUG 11'97 7:39 FR CONOCA SJGP RMD

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td Tech	TO	2563249301999	P.83

SuffaGuard 809		Page Number	-4
welcal Chemical	Not avalable.	چین پیشن میں اور میں پیشن میں اور اور میں میں کار اور اور اور اور اور اور اور اور اور ا	
denical Stability	The product is stable.		
puditions of Protebility	No solditional ramark.		
oousportbillity with pione substances	Highly reactive with oxidizing agents.	······································	
electros Decomposition aducts	Not available.	· · · · · · · · · · · · · · · · · · ·	-
azerdous Polynoorization	No.	<del></del>	
sicity to Animals	WARNING: THE LCSO VALUES HEREUNDER ARE ESTIMATED OF	THE BASIS OF	A 4-
	HOUR EXPOSURE. Acute oral toxicity (LD50): > 5000 mg/kg (Rat)		•
	Acute demnei toxicity (LD50): > 5000 mg/kg (Rebbit.)		
	Acute toxicity of the vapor (LC50): > 5000 ppm (Rat.)	<del></del>	
olotic filsci ob ilaibad	The substance is toxic to the nervous system, the reproductive system.	· ·	
iber Toxic Effects on	Slightly dangerous to dangerous in case of skin contact (initiant), of e	ye contact (irritant	), of
	ingestion, of Inhelation. Very slightly to slightly dangerous in case of skin contact (permeator).	,	• :
ucial Remerks on autity to Animals	No additional remark.		
peciel Remarius an	0040 Passes through the placental barrier.		<del></del>
areacted a management	s May be tatel or cause blindness if swellowed. (Methanol) Narcotic. (Methanol)		
one lifects on Busines	(Marconc. (wernenic)		•
coencienty	Not available.		
ODS and COD	Not evallable.		<del>نے نہ</del> ;
odaets of Blodsgradution	s Possibly hazardous short term degradation products are not likely degradation products may arise.	However, long t	em
oxicity of the Products Biologradesion	The products of degradation are less toxic than the product itself.		
echi Remarks on the	No additional remark.		
roducts of Biodogradation			Distances of the
aste Disposal	Recycle, if possible. Consult your local or regional authorities.		
· · · · · · · · · · · · · · · · · · ·	M.		<u>و ن</u> هر
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• "AUG 11'37 7:38 FR CONOC" SJGP RMD 5056324930 T 3-334-9024 P.04/05

		Page Number: 3
Sulla Guard 609		
and Syu	Dilute with water and mop up, or a waste disposed container.	absorb with an inert DRY material and place in an appropriat
arge Spill	DRY earth, send or other non-co	from sources of ignition. Stop leak if without risk. Absorb will moustible meterial. DO NOT touch spitled material. Prever mfined areas; dike if needed. Eliminate all sources of ignition.
Lundling	Not avelable.	
tosbge	from heat. Keep away from sour	ored in a separate safety storage cabinet or room. Keep awa ces of ignition. Keep container tightly closed. Keep in a coo equipment containing material. A refrigerated room would a repoint lower than 37.8°C (100°F).
agiacoring Coutrols	vapors below their respective the showers are proximal to the work-	
orsenal Protection	Satety glasses. Synthetic apro ventilation is inadequate.	n. Gloves (Impervious). Wear appropriate respirator whe
'erropal Protection in ( 6 a Large Spill	Case Spizshigogglas. Full suit. Boots. consult a specialist BEFORE hand	Gloves. Suggested protective clothing might not be sufficient for the product.
Chemical Name or Pro	duct Name CAS #	Exposare Limits
Methanol	67-58-1	TWA: 200 STEL: 250 (ppm) TWA: 260 STEL: 328 (mg/m <sup>3</sup> )
Appleal state and	Liquid.	Odor Not available.
oppearabee		
Volecular Weight	Not spillosbis.	Taste Not available.
H (1% sola/water)	Neutral.	Color Straw color. (Light.)
Boiling Point	The lowest known value is 64.7°C	(148.5'F) (Methanol).
Welling Point	May start to solidity at -97.8°C (-1	44°F) based on data for: Methanol.
Official Temperature	Not sysilable.	
Specific Gravity	1.05 (Vyater = 1)	
Vapor, Pressure	The Highest known value is 97.68	mm of Hg (@ 20°C) (Methanol).
Vapor Density	The highest known value is 1.11	(Air = 1) (Mothenol).
Voliality	Not available.	<u></u>
Oder Thresheld	Not available.	
	Not eveilable.	
Evuporation rate		
	Not avellable.	1
Evoparation rate	· · · · · · · · · · · · · · · · · · ·	
Evoparation rate Victority Woland/OII Dist. CostL	Not available.	
Rivaporation rate Visiboutty	Not available. Not available. Is not dispersed in methanol, dist	
Rvaperation rate Visionaliy Wotad/Oil Disc. Costil. Ienicity (in Water)	Not available. Not available.	diethyl ether.

APR 28' '97 8:81

3188538795 PAGE.002

District 1(505) 353-0101New MexicoP.O. E 3x-1940Fobbs, NM 88241-1980Energy Minerals and Natural ReDistrict II(505) 748-1283Oil Conservation D811 S. FirstOil Conservation DArtesia, NM 882102040 South Pacheco SDistrict III(505) 334-61781000 Rio Brazos RoadSanta Fe, New MexicoAztec, NM 87410(505) 827-7131	ivision Street Submit Origi
REQUEST FOR APPROVAL TO AC	CEPT SOLID WASTE 97029
1. RCRA Exempt: Non-Exempt: X DATE: 7-30	-97 4. Generator
Verbal Approval Received: Yes No By:	Chemical Distributorsz
2. Management Facility Destination	5. Originating Site
Tierra Environmental bandform Crouch	Mesa COI Farmington Facility
3. Address of Facility Operator	6. Transporter
420 C.R. 3100 Aztec. NM 87410	Foutz Construction
7. Location of Material (Street Address or ULSTR)	8. State

3911 Manroe Rd	Farminuton NM 87401	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 fertilizer mixing tank Characteristic analysis	(declared non-hazardous by
characteristic analysi's) 同臣匠臣[[V臣]] NAUG - 7 1997	DECEIVED NAUG - 1 1997
ON CON. DIV.	OIL CON. DIV. DIST. 3 red by the operator at end of haul):yd 3
SIGNATURE A MAL TITLE FAUSTONNE TYPE OR PRINT NAME Timothy 5. Nobis	TELEPHONE NO. (505) 334-8894
(This space for State Use) APPROVED BY DEMP 2. How TITLE Geolog APPROVED BY Martyne Johning TITLE Env Geologi's	

P.O. Box 1940	New Mexico	
Hobbs, NM 88241-1980	<b>Energy Minerals and Natural Resource</b>	5
<u>District II</u> (505) 748-1283 811 S. First	Oil Conservation Divisio	n
Artesia, NM 88210	2040 South Pacheco Street	Julii Uni
<u>District III</u> (505) 334-6178 1000 Rio Brazos Road	Santa Fe, New Mexico 8750	
Aztec, NM 87410	(505) 827-7131	to appropri District Off
<u>District IV</u> (505) 827-7131		
·····	REQUEST FOR APPROVAL TO ACCEPT	SOLID WASTE 97029
1. RCRA Exempt:	Non-Exempt: X DATE: 7-30-97	4. Generator
Verbal Approval Rec		Chemical Distributors
2. Management Faci	lity Destination	5. Originating Site
3. Address of Facility	onmental Landform Crouch Meso	
		6. Transporter
7. Location of Materi	al (Street Address or ULSTR)	- Foutz Construction 8. State
	•	
<u>39/1 Monro</u> 9. <u>Check One</u>	e Rd Farmington NM 87401	New Mexico
	· · · · · · · · · · · · · · · · · · ·	
A. All requests certificate pe	for approval to accept oilfield exempt wastes will be accompanied I r job.	by a certificate of waste from the Generator; one
B. All requests the material will be appro	for approval to accept non-exempt wastes must be accomanied by is non-hazardous and the Generator's certification of origin. No wa ved	necessary chemical analyses to prove ste classified as hazardous by listing or testing
All transporters mus	t certify that the wastes delivered are only	y those consigned for transport.
BRIEF DESCRIPTION OF		
Solids From	fertilizer mixing tank (ded	ared one-haradaire i
Characteristic	analysis	and how hazaraoos 15
Churcherryre		
	DECEIVED	
	M AUG - 1 1997	
	OIL CON. DIV.	·
Estimated Volume	- 40 yd <sup>3</sup> Known Volume (to be entered by the o	Derator at end of baui). vd <sup>3</sup>
SIGNATURE	1111 TITLE Environmental	Specialist DATE 7-30-97
TYPE OR PRINT NAME		EPHONE NO. (505) 334-8894
(This space for State Use)		
APPROVED BY Dem	1 2. Point TITLE GeologIST	DATE
		DATE
· · · · · · · · · · · · · · · · · · ·		



## **CERTIFICATE OF WASTE STATUS**

1. Generator Name and Address:	2. Destination Name:
Chemical Distributors Inc.	Tierra Environmental Co, Inc.
3911 Monroe Rd.	420 County Road 3100
Farmington NM 87401	Aztec, NM 87410
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Chemical Distributors Inc.	3911 Monroe Rd.
Farmington Facility	Farmington, NM 87401
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Solids from fertilizer mi	xing tank
·	J.
l	
Dethio, Bud	representative for:
(Print Name)	
Unemileal Distributors to	$\mathcal{N}$ do hereby certify that,
according to the Resource Conservation and Recove 1988, regulatory determination, the above described	bry Act (RCRA) and Environmental Protection Agency's July,
1300, regulatory determination, the above described	waste is. (Check appropriate classification)
EXEMPT oilfield waste X NON-EXEI analysis of	MPT oilfield waste which is non-hazardous by characteristic r by product identification
and that nothing has been added to the exempt or no	on-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following docur	<b>•</b> • • • • • •
MSDS Information X RCRA Hazardous Waste Analysis	Other (description):
$\underline{X}$ Chain of Custody	·
Name (Original Signature):	end
Name (Original Signature):	end
Name (Original Signature): Abbut Title: Manager	end



July 25, 1997

Mr. Phil Nobis Tierra Environmental Services, Inc. P.O. Drawer 15250 Farmington, New Mexico 87499

OIL CON. DIV. DIST. 3

Project No.: 04074-03

Dear Mr. Nobis,

Enclosed are the analytical results for the sample collected from the location designated as "Farmington/Browning - 97026-I". One soil sample was collected by Tierra Environmental Services personnel on July 17, 1997, and received by the Envirotech laboratory on July 17, 1997 for Hazardous Waste Characterization analysis (TCLP Volatiles, Semi-volatiles, Trace Metals analysis, and Reactivity, Corrosivity, and Ignitability characterization).

The sample was documented on Envirotech Chain of Custody No. 5314 and assigned Laboratory No. B675 for tracking purposes. The sample was extracted on 07/21/97 and analyzed on 07/21/97 - 07/25/97 using USEPA or equivalent methods.

Results of the analysis indicate that the material from the designated location is not a characteristic hazardous waste as defined by 40 CFR, Section 261, Subpart C for the noted compounds or characteristics.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615, and it is always a pleasure doing business with you.

Respectfully submitted, **Envirotech, Inc.** 

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Stacy W. Sezdler Environmental Scientist/Laboratory Manager

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SWS/sws/04074-03.lb6/wpd

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### SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Tierra Environmental	Project #:	04074-03
Sample ID:	97026-1	Date Reported:	07-22-97
Lab ID#:	B675	Date Sampled:	07-17-97
Sample Matrix:	Soil	Date Received:	07-17-97
Preservative:	Cool	Date Analyzed:	07-21-97
Condition:	Cool & Intact	Chain of Custody:	5314
Parameter	Result		
IGNITABILITY:	Negative		
CORROSIVITY:	Negative	pH = 6.51	
REACTIVITY:	Negative		
RCRA Hazardous Waste Cr	iteria		
Parameter	Hazardous Waste Criterio	n	
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. (i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)		
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. (i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)		
REACTIVITY:	(i.e. Violent reaction with v	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. (i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)	
Reference:	40 CFR part 261 Subpart	C sections 261.21 - 261.23, July 1,	1992.
Comments:	Farmington / Browni	ng.	

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### EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

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Client:	Tierra Environmental	Project #:	04074-03
Sample ID:	97026-I	Date Reported:	07-24-97
Laboratory Number:	B675	Date Sampled:	07-17-97
Chain of Custody:	5314	Date Received:	07-17-97
Sample Matrix:	Soil	Date Extracted:	07-21-97
Preservative:	Cool	Date Analyzed:	07-23-97
Condition:	Cool & Intact	Analysis Requested:	TCLP

		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	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.

ptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	98%
	Bromofluorobenzene	101%
	•	· · ·
• •	•••••••••••••••••••••••••••••••••••••••	
	•	
Regulatory Limits base	ed on 40 CFR part 261 Subpart C sec	ction 261.24, July 1, 1992.
Farmington / Brow	whind	
	Method 5030, Purge-a Method 8010, Haloger Method 8020, Aromati Regulatory Limits base	Bromofluorobenzene Method 1311, Toxicity Characteristic Leaching Procedure, S Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992 Method 8010, Halogenated Volatile Organic, SW-846, USEPA Method 8020, Aromatic Volatile Organics, SW-846, USEPA Regulatory Limits based on 40 CFR part 261 Subpart C sec

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Stacy W Sendler Review

### EPA METHOD 8040 PHENOLS

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Client:	Tierra Environmental	Project #:	04074-03
Sample ID:	97026-1	Date Reported:	07-25-97
Laboratory Number:	B675	Date Sampled:	07-17-97
Chain of Custody:	5314	Date Received:	07-17-97
Sample Matrix:	Soil	Date Extracted:	07-21-97
Preservative:	Cool	Date Analyzed:	07-24-97
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	100%
		2,4,6-Tribromophenol	96%
References:		, Toxicity Characteristic Leaching Procedui 346, USEPA, July 1992.	re Test Methods for Evaluating Solic
		), Separatory Funnel Liquid-Liquid Extractio 346, USEPA, July 1992.	n, Test Methods for Evaluating Solic
	Method 8040	, Phenols, Test Methods for Evaluating Sol	lid Waste, SW-846, USEPA, Sept. 1
Note:	Regulatory L	imits based on 40 CFR part 261 subpart C	section 261.24, July 1, 1992.

Comments: Farmington / Browning.

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Stacy W Sendler

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

Client:	Tierra Environmental	Project #:	04074-03
Sample ID:	97026-1	Date Reported:	07-24-97
Laboratory Number:	B675	Date Sampled:	07-17-97
Chain of Custody:	5314	Date Received:	07-17-97
Sample Matrix:	Soil	Date Extracted:	07-21-97
Preservative:	Cool	Date Analyzed:	07-24-97
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	99%
References:	Method 1311, Toxicity	Characteristic Leaching Procedur	e, SW-846, USEPA, July 1992
	Method 3510, Separat	tory Funnel Liquid-Liquid Extraction	n, SW-846, USEPA, July 1992.
	Method 8090, Nitroard	omatics and Cyclic Ketones, SW-8	46, USEPA, Sept. 1986.
Note:	Regulatory Limits base	ed on 40 CFR part 261 Subpart C	section 261.24, July 1, 1992.

Comments: Farmington / Browning.

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Stacy W Sendler Review

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

Client:	Tierra Environmental	Project #:	04074-03
Sample ID:	97026-I	Date Reported:	07-25-97
Laboratory Number:	B675	Date Sampled:	07-17-97
Chain of Custody:	5314	Date Received:	07-17-97
Sample Matrix:	Soil	Date Analyzed:	07-25-97
Preservative:	Cool	Date Extracted:	07-21-97
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

	Concentration	Det. Limit	Regulatory Level
Parameter	(mg/L)	(mg/L)	(mg/L)
Arsenic	ND	0.001	5.00
Barium	2.91	0.01	100
Cadmium	ND	0.001	1.00
Chromium	0.085	0.001	5.00
Lead	0.443	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:

Farmington / Browning.

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# QUALITY ASSURANCE / QUALITY CONTROL

## DOCUMENTATION

# FOUROTECH LABS

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-24-97
Laboratory Number:	07-23-TCV.BLANK	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-23-97
Condition:	N/A	Analysis Requested:	TCLP
		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chiorobenzene	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%
References:	Method 1311, Toxicity	Characteristic Leaching Procedure, S	SW-846, USEPA, July 1992
	Method 5030, Purge-a	nd-Trap, SW-846, USEPA, July 1992	2.
	Method 8010, Haloger	nated Volatile Organic, SW-846, USE	PA, Sept. 1994.
	Method 8020, Aromati	c Volatile Organics, SW-846, USEPA	, Sept. 1994.
Note:	Pogulaton Limite baca	ed on 40 CFR part 261 Subpart C sec	tion 261 24 July 1 1992

Comments: QA/QC for samples B675, B676, B686 and B690.

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

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Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	07-24-97
Laboratory Number:	07-21-TCV.MB	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-23-97
Condition:	N/A	Date Extracted:	07-21-97
		Analysis Requested:	TCLP

······································		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	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	99%
	ς.	Bromofluorobenzene	102%
References:	Method 1311, Toxicity (	Characteristic Leaching Procedure, S	SW-846, USEPA, July 1992.
	Method 5030, Purge-ar	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	ction 261.24, July 1, 1992.
Comments:	QA/QC for sample	es B675, B676, B686 and B69	0.

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Stacy W Sendler Review

## ROTECH PRACTICAL SOLUTIONS' FOR A BETTER TOMORROW

### **EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS** QUALITY ASSURANCE REPORT

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Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-24-97
Laboratory Number:	B676	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-23-97
Condition:	N/A	Date Extracted:	07-21-97

		Duplicate		
	Sample	Sample	Detection	
	Result	Result	Limits	Percent
Parameter	(mg/L)	(mg/L)	(mg/L)	Difference
Vinyl Chloride	ND	ND	0.0001	0.0%
1,1-Dichloroethene	ND	ND	0.0001	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0001	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	ND	ND	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	ND	ND	0.0005	0.0%
Chlorobenzene	ND	ND	0.0003	0.0%
1,4-Dichlorobenzene	ND	ND	0.0002	0.0%

ND - Parameter not detected at the stated detection limit.

**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.

Comments: QA/QC for samples B675, B676, B686 and B690.

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Stacy W Sendler Review

### EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

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Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	07-24-97
Laboratory Number:	B676	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-23-97
Condition:	N/A	Date Extracted:	07-21-97

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.050	0.0452	0.0001	<del>9</del> 0%	28-163
1,1-Dichloroethene	ND	0.050	0.0466	0.0001	93%	43-143
2-Butanone (MEK)	ND	0.050	0.0498	0.0001	100%	47-132
Chioroform	ND	0.050	0.0477	0.0001	95%	49-133
Carbon Tetrachloride	ND	0.050	0.0491	0.0001	98%	43-143
Benzene	ND	0.050	0.0489	0.0001	<del>9</del> 8%	39-150
1,2-Dichloroethane	ND	0.050	0.0482	0.0001	<b>96%</b>	51-147
Trichloroethene	ND	0.050	0.0485	0.0003	<del>9</del> 7%	35-146
Tetrachloroethene	ND	0.050	0.0489	0.0005	98%	26-162
Chlorobenzene	ND	0.050	0.0483	0.0003	97%	38-150
1,4-Dichlorobenzene	ND	0.050	0.0484	0.0002	97%	42-143

ND - Parameter not detected at the stated detection limit.

References:Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.<br/>Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.<br/>Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.<br/>Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments: QA/QC for samples B675, B676, B686 and B690.

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Stacy W Sendler Review

### EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-25-97
Laboratory Number:	07-24-TCA.BLANK	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	07-24-97
Condition:	N/A	Analysis Requested:	TCLP
Analytical Results		Detection	Regulatory
	Concentration	Limit	Limit
Parameter	(mg/L)	(mg/L)	(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	100 %
	2,4,6-tribromophenol	100 %

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. 19

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

Comments: QA/QC for samples B675, B676, B686 and B690.

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Stacy W Sendler Review

### EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	07-25-97
Laboratory Number:	07-21-TCA.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-21-97
Condition:	Cool & Intact	Date Analyzed:	07-24-97
		Analysis Requested:	TCLP

Parameter	Concentration _(mg/L)	Det. 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	99% 99%	
References:		1, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid -846, USEPA, July 1992.		
		), Separatory Funnel Liquid-Liquid Extractio 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:	QA/QC for	r samples B675, B676, B686 and B	8690.	

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Stacy W Sendler Review

### EPA METHOD 8040 PHENOLS Quality Assurance Report

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Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-25-97
Laboratory Number:	B676	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-21-97
Condition:	Cool & Intact	Date Analyzed:	07-24-97
		Analysis Requested:	TCLP

Parameter	Sample Resuit (mg/L)	Duplicate Result (mg/L)	Detection Limit (mg/L)	Percent Difference
o-Cresol	ND	ND	0.020	0.0%
p,m-Cresol	ND	ND	0.040	0.0%
2,4,6-Trichlorophenol	ND	ND	0.020	0.0%
2,4,5-Trichlorophenol	ND	ND	0.020	0.0%
Pentachlorophenol	ND	ND	0.020	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:		Parameter	Maximum Difference	
		8040 Compounds	30.0%	
References:	Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.			
	Method 3510, Separato Waste, SW-846, USEP	ory Funnel Liquid-Liquid Extraction, Te A, July 1992.	est Methods for Evaluating Solid	
	Method 8040, Phenols,	Test Methods for Evaluating Solid W	/aste, SW-846, USEPA, Sept. 1986	
Note:	Regulatory Limits base	d on 40 CFR part 261 subpart C sect	ion 261.24, July 1, 1992.	
Comments:	QA/QC for sample	s B675, B676, B686 and B690	).	
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Stacy W Sendler. Review

### EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	07-24-97
Laboratory Number:	07-24-TBN.BLANK	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	07-24-97
		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	96%
References:	•	Characteristic Leaching Procedur	•
	•	ory Funnel Liquid-Liquid Extraction matics and Cyclic Ketones, SW-8	· · · ·
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1			section 261 24 July 1 1992

Comments: QA/QC for sample B675, B676, B686 and B690.

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Stacy W Sendler Review

### EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	07-24-97
Laboratory Number:	07-21-TBN.MB	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	Cool	Date Extracted:	07-21-97
Condition:	Cool and Intact	Date Analyzed:	07-24-97
		Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachioroethane	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	99%	
References:	Method 1311, Toxicity	Characteristic Leaching Procedu	re, SW-846, USEPA, July 1992.	
	Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.			
	Method 8090, Nitroaro	matics and Cyclic Ketones, SW-8	346, USEPA, Sept. 1986.	
Note:	Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July $^{\prime}$		section 261.24, July 1, 1992.	

Comments: QA/QC for san

QA/QC for sample B675, B676, B686 and B690.

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Stacy W Sendler Review

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### EPA Method 8090 Nitroaromatics and Cyclic Ketones TCLP Base/Neutral Organics QA/QC Matrix Duplicate Report

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Client:	QA/QC	Project #:		N/A
Sample ID:	Matrix Duplicate	Date Reported	:	07-24-97
Laboratory Number:	B676	Date Sampled		N/A
Sample Matrix:	Liquid	Date Received	:	N/A
Preservative:	N/A	Date Extracted	:	N/A
Condition:	N/A	Date Analyzed		07-24-97
		Analysis Reque	ested:	TCLP
[	Sample	Duplicate		Det.
	Result	Result	Percent	Limit
Parameter	(mg/L)	(mg/L)	Difference	(mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

**HexachloroBenzene** 

QA/QC Acceptance Criteria		Parameter	Maximum Difference	
		8090 Compounds	30%	
References:	Method 1311, Toxicity	Characteristic Leaching Procedure	, SW-846, USEPA, July 1992.	
	Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.			
Method 8090, Nitroaroma		matics and Cyclic Ketones, SW-84	6, USEPA, Sept. 1986.	
Note:	Regulatory Limits base	Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 19		

ND

Comments: QA/QC for sample B675, B676, B686 and B690.

ND

L. Ogjeen

Stacy W Sendler

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

------

Client:	QA/QC	Project #:	N/A
Sample ID:	Blanks	Date Reported:	07-25-97
Laboratory Number:	N/A	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-25-97
Condition:	N/A	Date Extracted:	N/A

	Instrument	Method	Det.
	Blank	Blank	Limit
Parameter	(mg/L)	(mg/L)	(mg/L)

Arsenic	ND	ND	0.001
Barium	ND	ND	0.01
Cadmium	ND	ND	0.001
Chromium	ND	ND	0.001
Lead	ND	ND	0.001
Mercury	ND	ND	0.001
Selenium	ND	ND	0.001
Silver	ND	ND	0.001

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.

Comments: QA/QC for samples B675, B676, B680, B690 and B697.

tacy W Sendler

Review

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	07-25-97
Laboratory Number:	B676	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-25-97
Condition:	N/A	Date Extracted:	07-21-97

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference
Arsenic	ND	ND	0.0%
Barium	3.03	3.04	0.3%
Cadmium	0.003	0.003	0.0%
Chromium	ND	ND	0.0%
Lead	0.007	0.007	0.0%
Mercury	ND	ND	0.0%
Selenium	ND	ND	0.0%
Silver	. ND	ND	0.0%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	Trace Metals	30 %

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.

Comments:

QA/QC for samples B675, B676, B680, B690 and B697.

Analyst

acy W Sendler Review

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

.. . . .

Client:	QAÍQC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	07-25-97
Laboratory Number:	B676	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	07-25-97
Condition:	N/A	Date Extracted:	07-21-97

Parameter	Spike Added (mg/L)	Sample Result (mg/L)	Spiked Sample Result (mg/L)	Percent Recovery
Arsenic	0.100	ND	0.100	100%
Barium	1.00	3.03	4.04	100%
Cadmium	0.050	0.003	0.053	100%
Chromium	0.050	ND	0.050	100%
Lead	0.100	0.007	0.107	100%
Mercury	0.025	ND	0.025	100%
Selenium	0.100	ND	0.099	<b>99</b> %
Silver	0.050	ND	0.049	98%

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Acceptance Range %
	TCLP Metals	80 - 120 %

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.

Comments:

QA/QC for samples B675, B676, B680, B690 and B697.

ferren Analyst

tacy W Sendler Review

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## CHAIN OF CUSTODY RECORD

	ChenVProject Name	1.00mm	Project Location Farming ton Branning Chain of Custody Tape No.				ANALYSIS/PARAMETERS										
ts T	LIEPRA En Jampler: (Sugnature)		04074-03			No. of Containers	m/0	Beeosi vit	Reachirty	F. Link ft				Remarks			
┝	Vea V	sa viere					25										
	Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Ŭ	10	(bee	les	120					
	97026- <u>T</u>	7-17-97	1100	B1075	50	nc		1	X	X	4	4			[		
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A	letinquished by: (Signature)				Date	Time	Receiv	ved by: (S	Signature)			[		[	L	Date	Time
Г	A wal				7-17-91	1517	//	Minto Walter 7-1797							5:1		
	lelinquished by: (Signature)				Fleceiv	ved by: (S	Signature)										
R	Relinquished by: (Signature)						Receiv	ved by: (Signature)						· · ·			
					5	<b>NVIRO</b> 796 U.S. H mington, N (505)	lighway	64-3014 vico 874	ł			· · · · · ·					

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### CHAIN OF CUSTODY RECORD

nature analysis answer (a)

	Renne	mrA.L	Project Location				ANA	LYSIS/P	ARAM	•				
Sampler: (Signature)	20	<u>.</u>	Chain of Custody Tape I	No. / O	lers	d w/o	1	4.4	×17.4				Remarks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containêrs	TCLI	1150032	lenchuil	tyn. h					
77026- <u>T</u>	7-17-97	1100	ана 1914 - Д. С. А.	Soul	1	X	Y		4.				. 2	
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linquished by: (Signature)	$\nabla \mathcal{O} \mathcal{O}$	<u> </u>		the second se	ved by: (Si	gnature)		<u> </u>	· · ·			L	Date	Time
elinquished by: (Signature)				-17.91 1517 - Recei	wed by: (Si	Gnature)		Get	<u> </u>			* •	7-17.97	<u>_/5:/7</u>
linquished by: (Signature)		· · · · ·			ved by: (Si			<u>e</u> DI						
				ENVIROTECH 5796 U.S. Highway Farmington, New Mex (505) 632-061	64-3014 cico 874(			_	EC Aug 1 C(		•.			

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P.O. Box 1940New MexicoHobis, 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) 827-7131District IV (505) 827-7131Santa Fe, New Mexico 87505	Department Submit Origi Plus 1 Copy to appropriat District Offic
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE MOZO - 90097
1. RCRA Exempt: X Non-Exempt: DATE: 6-26-97	4. Generator
Verbal Approval Received: Yes No By: Een to Busch	BURMAGEN RESOURCES
2. Management Facility Destination	
TIEREA Environmental LAMAFAEN FACILity	5. Originating Site $MCGRAH SWS # 4$
3. Address of Facility Operator 420 CR 3106 Actor NM 87410	6. Transporter $CF \stackrel{>}{>} M$
7. Location of Material (Street Address or ULSTR)	8. State
5-34, T-30N, R-12W	NEW MEXICO
<ul> <li>9. <u>Check One</u> <ul> <li>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 necess the material is non-hazardous and the Generator's certification of origin. No waste clawill be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only tho</li> </ul>	ertificate of waste from the Generator; one ssary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: TANK Bottems S DECEIVED WASte collected JUN 2 7 1997 D Operations At J	Skimmer pond From Drily Disposar Fracility
OIL CONO DIVO DISTO 3 Estimated Volume <u>(COBBL</u> yd <sup>3</sup> Known Volume (to be entered by the operator	ex empt.
	DATE <u>6-26-97</u> DNE NO. <u>(505) 334-8894</u>
(This space for State Use)	
APPROVED BY Demy 9. Entritle Geologist	DATE 6/30/97
APPROVED BY This Ougel TITLE Geologist	DATE <u>6/30/97</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-34 T-30N R-12W 1/4 1/4 County San Juan State NM Physical Address if appropriate:

Source and description of waste:

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

Sediment Sludge.

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

[	Craig A. Bock	representative
for	Burlington Resources	

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

\_x\_RCRA TCLP Analysis

X RCRA Metals Analysis

X Corrosivity, Ignitability, Reactivity

 $\underline{X}$  I further certify that there has been no change in process employed or chemicals stored / used at the facility generating the waste since  $\frac{10/24}{96}$ 

- 1. Dout Signature (

Printed Name /Craig A. Bock

Title <u>Environmental Representative</u> Date 6-23-97

P.O. Box 1940 New Mexico	E ÚT HE Vienaw	
Hobbs, NM 88241-1980 Energy Minerals and Natural Resources		
Matricet II         (505) 748-1283         Oil Conservation Division	•	
Artesia, NM 88210 2040 South Pacheco Street	Cu barri	
District III (505) 334-6178 Santa Fe, New Mexico 87505	Subni Plus 1	
1000 Rio Brazos Road Aztee, NM 87410 (505) 827-7131	lo app	
District IV (505) 827-7131	Distric	
REQUEST FOR APPROVAL TO ACCEPT SO		
1. RCRA Exempt: Non-Exempt: X DATE:	4. Generator	
Verbal Approval Received: Yes (No) By:	FESCO Fuc.	
2. Management Facility Destination	5. Originating Site	
TIEREA Environmentite LANDFARM FAcility	5500 Huy 64	
3. Address of Facility Operator	6. Transporter	
420 CR 3100 Actor NM 87410	FESCO INC.	
7. Location of Material (Street Address or ULSTR)	8. State	
5500 Huy 64 Fremington NM 87401	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.	ertificate of waste from the Generator; one	
B. All requests for approval to accept non-exempt wastes must be accomanied by nece	ssary chemical analyses to prove	
the material is non-hazardous and the Generator's certification of origin. No waste cl will be approved.	ezerued as uessioona of manuit or rearral	
All transporters must certify that the wastes delivered are only th	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL: DIESEL Spill FRO	m Equipment	
in oilfuld a las	1 De Germany	
DERENVEN ENTER	ctors office	
BRIEF DESCRIPTION OF THE MATERIAL: Diesel Spill From Equipment in Oilfield contenactors office DEGENVED DIFFICE JUN 17 1997 RECEIVED DIESEL IS MIXED WITH Soil		
	IME⊎	
DIST 8 Environmental Bureau DIE CE	1007	
Estimated Volume	log/	
	SPEC DATE 6-16-9	
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPH	ONE NO(505) 334-8894	
(This space for State Use)		
PROVED BY Damy B. ZourTITLE Geologist	DATE 6/17/92	
PROVED BY Minitian ghily TITLE Env. Geologist	DATE 6 /19 /97	
The Bi francier y only Title Brus		

Insurce 1, (505) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesMistrict II (505) 748-1283Oil Conservation Division811 S. FirstOil Conservation DivisionAntesia, NM 882102040 South Pacheco StreetDistrict III (505) 334-6178Santa Fe, New Mexico 875051000 Rio Brazos Road(505) 827-7131	Department Submit Ori Plus 1 Cop to appropri District Ofi	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97024	
1. RCRA Exempt: Non-Exempt: X DATE:	4. Generator	
Verbal Approval Received: Yes No By:	FESCO INC	
2. Management Facility Destination TIEREA Environmenter LANDFARM FACILITY	5. Originating Site 5500 Hwy 64	
3. Address of Facility Operator 420 CR 3100 Actec NM 87410	6. Transporter FESCO INC.	
7. Location of Material (Street Address or ULSTR)	8. State	
5500 Huy 64 FARMINGTON NM 87401	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.	ertificate 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 the	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL: DIESEL Spill From Equipment		
BRIEF DESCRIPTION OF THE MATERIAL: Diesec Spill From Equipment DECENVED JUN 1 7 1997 DECENVED Tricility, Diesec is MixED with soil		
OIL CON. DIV. DIST. 3		
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>	
SIGNATURE Bla WOLL TITLE Environmenter	SPEC DATE 6-16-97	
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPH	ONE NO(505) 334-8894	
(This space for State Use)	·	
PPROVED BY Deny Br Junt TITLE Geologist	DATE 6/ / 7/97	
PPROVED BYTITLE	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

June 16, 1997

Mr. Roger Anderson, Bureau Chief New Mexico Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505

RE: REQUEST TO ACCEPT NON-EXEMPT-NON-HAZARDOUS SOIL CONTAMINATED WITH #2 DIESEL FUEL, FESCO, INC.:

Dear Mr. Anderson:

Accompanying this letter is a completed OCD Form C-138. Fesco Inc. is a dirt work contracting and trucking company who does more than fifty percent of their business within the oil and gas industry. If you recall they preformed the final closure dirt work at Southwest Disposal as our sub contractor.

The spill in question occurred while a piece of equipment seldom used was parked in their yard. Diesel from a leaking fuel line contaminated approximately five yards of soil.

Please call me if you have any questions or require additional information. It is my understanding that Diesel Fuel has been identified as non-hazardous by Declaration.

Sincerely,

Call

Phillip C. Nobis President

PAGE 02

### **TIERRA ENVIRONMENTAL COMPANY Inc.**

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



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

representative

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-\_\_\_\_R-County\_SJ 1/4 1/4 State Physical Address if appropriate: 5500 Hur . 64

Source and description of waste:

Diesel Fuel mixing with soil

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

Ľ for

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

Signature Printed Name MALTER Title Date

Insurer 1Course 353-0101New MexicoP.O. Box 19404New MexicoOrigination 4/18/95Hobbs, NM- 88241-1980Energy Minerals and Natural Resources DepartmentDistrict II(505) 748-1283811 S. FirstOil Conservation Division			
Artesia, NM 88210 District III (505) 334-6178 2040 South Pacheco Street Santa Fe New Mexico 87505	Submit Origi		
1000 Rio Brazos Road	Plus 1 Copy to appropriat		
Aztec, NM 87410 (505) 827-7131	District Offic		
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9'70 23 96807		
1. RCRA Exempt: $X$ Non-Exempt: DATE: $S^{-30-97}$	4. Generator		
Verbal Approval Received: (Yes) No By: DEWNY Foust	PNM GAS SEEVICES		
2. Management Facility Destination	5. Originating Site		
115RAA ENVIRONMENTAL LANSFARM CROwch Mesa	McCoy G.C. #A-1		
3. Address of Facility Operator <i>420 CR 3100 Aztec NM 87410</i>	6. Transporter		
7. Location of Material (Street Address or ULSTR)	Simons A Const.		
	8. State		
5-18, T-31, R-10W Unit Letter H	NM		
9. <u>Check One</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 neces 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.		
BRIEF DESCRIPTION OF THE MATERIAL: Soils From Dehydration Ait			
RECEIVED			
OIL CON. D	Dog		
Estimated Volume 300 yd <sup>3</sup> Known Volume (to be entered by the operat	11		
Known Volume (to be entered by the operation of the contract of the operation of the operat			
SIGNATURE TITLE Environmenter	SAGE. DATE 5-30-87		
TYPE OR PRINT NAME BLANNE Williams TELEPH	ONE NO(505) 334-8894		
(This space for State Use)			
APPROVED BY Demy S. Pam TITLE Geologist	DATE 6/5/97		
APPROVED BY Crice Buch TITLE L	DATE		
	· · · · · · · · · · · · · · · · · · ·		

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



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

representative

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-<u>18</u>T-<u>31</u>R-<u>10</u>1/4 <u>1/4</u> County<u>San July</u> State <u>M</u> Physical Address if appropriate:

Source and description of waste: <u>MCCoy Gas Com A # Lwaste pet contaminated</u>

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

u Haston Gas Services for

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

Signature	e R	au Ha	eston	
Printed N	Name	Rav 7	Haston	
Title	ENVIron	mentai	Coordinato	r
Date _	5-30-9	7		

District II(505) 333-0101New MexicoP.Q. 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) 334-6178Santa Fe, New Mexico 87505	Department Submit Orig Plus 1 Copy	
1000 Rio Brazos Road Aztec, NM 87410 (505) 827-7131	to appropria District Offi	
<u>District 1V</u> (505) 827-7131		
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97022 States	
1. RCRA Exempt: X Non-Exempt: DATE: 5-27-97	4. Generator	
Verbal Approval Received: Yes No By DEMNY Forst	ANM GAS SERVICES.	
2. Management Facility Destination	5. Originating Site	
TIERA ENVIRONMENTAL LANDFARM CRONCH MESA	MANGUM #44	
3. Address of Facility Operator	6. Transporter	
7. Location of Material (Street Address or ULSTR)	DiAmond A Const	
	8. State	
5-28, T-29N, R-11W	NEW Mexico	
9. <u>Check One</u>	•	
(A.) All requests for approval to accept oilfield exempt wastes will be accompanied by a contribution of the certificate per job.	ertificate 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 the	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL:	1 of 1 1 1	
BRIEF DESCRIPTION OF THE MATERIAL: Soil FROM EARthen pit collected in the DECEIVED Schydeation process MAY 2 8 1997		
UN MAY 2 0 1331		
OIL CON. DIV. DIST. 3		
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>	
SIGNATURE TO: WOOL TITLE ENVIRONMENTAL S	DEFENSION DATE 5-27-97	
	ONE NO(505) 334-8894	
(This space for State Use)		
APPROVED BY Jemy & Tom TITLE Geolog'ST	DATE 5/28/97	
APPROVED BY June Busch TITLE 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"

Yense distin

Originating Site: S-<u>18</u>T-<u>11N</u>R-<u>11U</u>1/4 1/4 County 55 State <u>N. M</u> Physical Address if appropriate: <u>Manus m # 4</u>

Source and description of waste: Deharton ear the

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

I <u>Gazy Cooll</u> for <u>fine Gas Service</u>

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

MAY 2 8 1997

OIL CON. DIV. DIST. 3

Signature Printed Name Som Title Lavia an 5/27 /47 Date

Insure: 1(505) 533-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural Resources IDistrict II(505) 748-1283811 S. FirstOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	Department	<b>FUTILI C-1.</b> Originated 4/18795 <b>Submit Origi</b>
District III         (505)         334-6178         Santa Fe, New Mexico         87505           1000 Rio Brazos Road         Aztec, NM 87410         (505)         827-7131           District IV         (505)         827-7131		Plus 1 Copy to appropriat District Offic
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE	970ZZ 2007
1. RCRA Exempt: X Non-Exempt: DATE: 5-27-97	4. Generator	
Verbal Approval Received: Yes No By Denny Foust	PNM GAS	SERVICES
2. Management Facility Destination	5. Originating S	· · · · · · · · · · · · · · · · · · ·
3. Address of Facility Operator	MANgun	#
420 CR 3100 Aster NM 87410	6. Transporter	1 CONST.
7. Location of Material (Street Address or ULSTR)	8. State	
5-29, T-29N, R-11W	New Mes	t a A
9. <u>Check One</u>		
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 cla will be approved.	ssary chemical analyses to assified as hazardous by lis	, prove sting or testing
All transporters must certify that the wastes delivered are only the	ose consigned fo	or transport.
BRIEF DESCRIPTION OF THE MATERIAL: Soils collected fear	n Behyden	tion
BRIEF DESCRIPTION OF THE MATERIAL: Soils collected from Behydration PECEIVED MAY 2 8 1997 BRIEF DESCRIPTION OF THE MATERIAL: Soils collected from Behydration PEOCESS into An Expethen pit.		
OIL CON. DIV. DIST. 3		
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):	yd <sup>3</sup>
SIGNATURE TA NOO: TITLE Environmental S	Centil DITE	\$ 37 QT
31- 15	$\frac{1}{10000000000000000000000000000000000$	
(This space for State Use)		
APPROVED BY Demy B. Tom TITLE Feologist	DATE	128/97
APPROVED BY <u>Rice Busch</u> TITLE <u>u</u>	DATE	<i>د</i> ′

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>29</u> T-<u>29NR-111/4</u> Physical Address if appropriate: <u>Manyum</u> 41 <u>Manyum</u> Rd. <u>Blownfield</u>

Remedictic

Source and description of waste: Dehidreto- earther

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

GAL Lonl representative for PNM Gas

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:

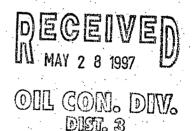
Check appropriate line(s):

\_\_MSDS Information sheet

\_\_RCRA TCLP Analysis

\_\_\_RCRA Metals Analysis

<u>Corrosivity</u>, Ignitability, Reactivity



Signature Printed Name GAVY Title Env: Date 5/27/37

District II(505) 748-1283New MexicoBistrict II(505) 748-1283Energy Minerals and Natural Resources IOil Conservation DivisionArtesia, NM 882102040 South Pacheco Street	PUPIL C-1. Organited 4/18/95	
District III (505) 334-6178 Santa Fe. New Mexico 87505	Submit Origi Plus 1 Copy	
1000 Rio Brazos Road Aztec, NM 87410 (505) 827-7131	to appropriat District Offic	
<u>District IV</u> (505) 827-7131	District Office	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 970ZO 30007	
1. RCRA Exempt: yES Non-Exempt: DATE: 5-13-97	4. Generator	
Verbal Approval Received: (Yes) No By: GRINIE BUSCH	PNM GAS SETTINICES	
2. Management Facility Destination	5. Originating Site	
TIERRA Environmental LAMAFARM	Ruple #Z	
3. Address of Facility Operator	6. Transporter	
420 CR 3100 Aztec NM 87410	DIAMONA A	
7. Location of Material (Street Address or ULSTR)	8 State	
5-24, T-31N, R-11W	NM	
9. <u>Check One</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	
<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 cl will be approved.</li> </ul>	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.	
BRIEF DESCRIPTION OF THE MATERIAL: Solids FROM EART	HEN AT	
BRIEF DESCRIPTION OF THE MATERIAL: Solids FROM EARTH CONTAINING ARIP UN		
DECEIVED MAY 2 8 1997	E WASTE	
DEGENDEU		
MAY 2 8 1991		
OIL CON. DIV.		
OTLL COLLES		
Estimated Volume 300 yd 3 Known Volume (to be entered by the operat	tor at end of haul):yd <sup>3</sup>	
SIGNATURE Stan William TITLE Environmental Steciatist DATE 5/13/97		
TYPE OR PRINT NAME <u>BLAINE WILLIAMS</u> TELEPH	ONE NO	
(This space for State Use)		
APPROVED BY Deny 2 Tem TITLE Geolog 151 DATE 5/28/97		
APPROVED BY This Buschette 4	DATEч	

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-24T-3/NR-1/N 1/4 1/4 County 5J State N.MPhysical Address if appropriate: Ruple # 2

Source and description of waste: <u>Ruple # 2</u> Waste

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

representative for

do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) that the above described waste is  $\underline{X}$  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 OBGEIVED N MAY 2 8 1997 ODL CON. DOV.

dist. 3

Navi Signature Printed Name <u>Cook</u> Title Environ Date 5,

Insure: 1 (505) 353-0101P.O. Box 1940New MexicoHobbs. NM 88241-1980Energy Ivlinerals 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	Department Submit Origin Plus 1 Copy to appropriat District Office	
REQUEST FOR APPROVAL TO ACCEPT SC	DLID WASTE 97020	
1. RCRA Exempt: YES Non-Exempt: DATE: 5-/3-97	4. Generator	
Verbal Approval Received: Yes No By Ferrit Busch	PARM GAS SEEVICES	
2. Management Facility Destination	5. Originating Site	
TIERRA ENVIRONMENTAL LAND FARM	TURNER A#1	
3. Address of Facility Operator	6. Transporter	
420 CR 3100 Aztec N.M. 87410	DIAMOND D	
7. Location of Material (Street Address or ULSTR)	8. State	
5-34, T-31N, R-11W	NM	
9. <u>Check One</u>	<u> </u>	
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 th	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL: Solids from Jelyde	eater wasto pit	
DECEIVED N MAY 2 8 1997	<b>,</b>	
OIL CON. DIV. DIST. 3		
Estimated Volume <u>300</u> yd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>	
SIGNATURE Chine DOLAN TITLE ENVIRONMENTAL SPI	FUALLET DATE 5-12-97	
Zin - 11 fill is	ONE NO	
(This space for State Use)		
APPROVED BY DEMY B. Four TITLE Geologist	DATE <u>5/28/97</u>	
APPROVED BY June Banch TITLE	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>34</u> T-<u>3/N</u> R-<u>1/14</u> 1/4 County <u>SJ</u> State <u>N. M</u> Physical Address if appropriate: <u>Turner</u> <u>A</u>#1

Source and description of waste: Twoner AFI wente pit From dehn du los

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

GAr 5. Cook representative for

do hereby certify 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

OIL CON. DIV

Signature Printed Name Title Date 571

Insurice 11000) 373-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation Division	Department	
811 S. FirstOff Conservation DivisionArtesia, NM 882102040 South Pacheco Street	Sel-140	
District III (505) 334-6178 Santa Fe, New Mexico 87505	Submit Origi Plus 1 Copy	
Aziec, NM 87410 (505) 827-7131	to appropria District Offic	
<u>District IV</u> (505) 827-7131		
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97020	
1. RCRA Exempt: yes Non-Exempt: DATE: 5-13-97	4. Generator	
Verbal Approval Received: (Yes) No By France Busch	PNM GAS SERVICES	
2. Management Facility Destination	5. Originating Site	
TIEREA ENVIRONMENTAL LANDFARM	TUENER#3	
3. Address of Facility Operator	6. Transporter	
3420 CR 3100 Actor N.M. 87410	DIAMOND D	
7. Location of Material (Street Address or ULSTR)	8. State	
5-24, T31N, R-11W	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.	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 ch 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.	
BRIEF DESCRIPTION OF THE MATERIAL: Solids from DEH	1 pation	
DECEIVED WASTER ATT ADDITION		
OIL CON. DIV. DIST. 3		
Estimated Volume 200 - 400 yd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>	
SIGNATURE De Willim TITLE ENVIRONMENTAL SPECIALIST DATE 5-13-97		
TYPE OR PRINT NAME BLAINE WILLIAME TELEPHONE NO. (505) 334-8894		
(This space for State Use)		
	Madica	
APPROVED BY Demy Se Tom TITLE Geologist	DATE <u>5/28/7/</u>	
APPROVED BY <u>ince Outch</u> TITLE	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>24</u>T-<u>31NR-1111/4</u> Physical Address if appropriate: <u>Throat</u> # 3 State <u>N. M.</u>

Source and description of waste:

Turner #3

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

S. Cook GAr representative for

do hereby certify 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

MAY 2 8 1997

OIL CON. DIV. DIST. 3

Signature Printed Name TAVL Title Envivo Date 5/13

Institut 1(303) 333-0101P.O. Box 1940New MexicoHobbs, NM 88241-1980Energy Minerals and Natural ResourcesDistrict II(505) 748-1283811 S. FirstOil Conservation Division	Department	
Antesia, NM 88210 District III (505) 334-6178 District III (505) 334-6178 Santa Fe, New Mexico 87505	Submit Origi	
1000 Rio Brazos Road         Santa Fe, New Mexico 87505           Aztec, NM 87410         (505) 827-7131	Plus 1 Copy to appropriat	
<u>District 1V</u> (505) 827-7131	District Offic	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97020 -96007	
1. RCRA Exempt: yes Non-Exempt: DATE: 5-13-97	4. Generator	
Verbal Approval Received: Yes No By EDNIE BUSCH	PNM GAS SERVICES	
2. Management Facility Destination	5. Originating Site	
LIEREA ENVIRONMENTAL LANDFARM	SEXTON #1	
3. Address of Facility Operator	6. Transporter	
420 CR 3100 Actor N.M. 87410	DiAMOND A	
7. Location of Material (Street Address or ULSTR)	8. State	
S-3, T 30N, R-MW	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.	ertificate 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 the	ose consigned for transport.	
BRIEF DESCRIPTION OF THE MATERIAL:		
BRIEF DESCRIPTION OF THE MATERIAL: Soils From DETHYDIG WASTE AT	24 ton.	
WASSE AT	DECEIVEN	
	MAY 2 8 1997	
	OIL CON. D <u>rv7.</u> Dist. 3	
Estimated Volume <u>200-300</u> yd <sup>3</sup> Known Volume (to be entered by the operat	or at end of haul):yd <sup>3</sup>	
SIGNATURE Re Well TITLE Environ MENTER SPECIALIST DATE 5-13-97		
TYPE OR PRINT NAME <u>RIAME Williams</u> TELEPH	ONE NO(505) 334-8894	
(This space for State Use)	n an	
APPROVED BY Denny 3. Tout TITLE Geolog 15T	DATE <u>5/28/97</u>	
APPROVED BY TILE Buch TITLE		

125

**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-30NR- 111/4 1/4 County 5 J State N. M Physical Address if appropriate: Sex low #1

Source and description of waste: Sexton #1 Waste pit

PNM

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

Ľ for

GARY S. Cook representative

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

MAV 2 8 1997

OIL CON. DTT. DIST. 3

Signature S. Coo K Printed Name Title Ensin Date 5/13/97

P.O. Box 1940 Hobbs, NM 88241-1980 Energy Minerals and Natural Resources	Congunation 4/18/95	
District II (505) 748-1283 811 S. First Oil Conservation Division	-	
Artesia, NM 88210 District III (505) 334-6178 2040 South Pacheco Street Santa Fe New Mexico 87505	Submit Origina	
1000 Rio Brazos Road (505) 927 7131	Plus 1 Copy to appropriate	
Aztec, NM 87410 (505) 627-7131	District Office	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97019 9000	
1. RCRA Exempt: $y \mathcal{E}^{\varsigma}$ Non-Exempt: DATE: 5-7-97	4. Generator	
Verbal Approval Received: Yes X No By DENNY FOUST	SEG INTERESTS	
2. Management Facility Destination	5. Originating Site	
TIERRA ENVIRONMENTAL LAND FARM CROUCH MESA	VERCE 33-9 # 5-2	
3. Address of Facility Operator	6. Transporter	
420 CR 3100 AZTEC. NM 87410		
7. Location of Material (Street Address or ULSTR)	8. State	
5-5 T-33N, R-9W NW/4 SE/4		
9. <u>Check One</u>		
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 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: DRilling MUS And	COAL FINES	
DEALERNIER FROM RESERVE AT	TALASURE	
BRIEF DESCRIPTION OF THE MATERIAL: DRILLing MUS And COAL FINES DECEIVED FROM RESERVE AFT CLOSURE MAY 2 8 1997 (NO RECOVERABLE HydrocArbons)		
OIL CON. DIV.		
OLLS COLLS 3		
Estimated Volume <u>160 BBL</u> yd <sup>3</sup> Known Volume (to be entered by the operator at end of haul):yd <sup>3</sup>		
SIGNATURE Blain Willing TITLE ENVIRONMENTAL S	SPECIALIST DATE 5-7-97	
	IONE NO(505) 334-8894	
(This space for State Use)		
APPROVED BY Jemp 3. Tam TITLE Geolog 37	DATE <u>5/28/97</u>	
APPROVED BY Spice Runch TITLE	DATE	

٢

10:36 COGCC → 915053349024

The state of the state of the state



16 105/ '97

:...;

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

#### VIA FAX AND SURFACE MAIL

May 16; 1997

Mr. Phil Nobis Tierra Environmental Company Inc. P.O. Drawer 15250 Farmington, NM 87401

RE: State Notification of Transportation of Drilling Mud and Coal Fines from Reserve Pit for Verce 33-9 #5-2 Well NW SE Section 5 T33N, R9W, NMPM, La Plata County, CO

Dear Mr. Nobis:

Thank you for notifying the Colorado Oil and Gas Conservation Commission (COGCC) of the transportation of waste drilling mud and coal fines 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,

11-1

Colorado Oil and Gas Conservation Commission

Schlie Balduni

Dorothy E. Baldwin **Environmental Protection Specialist** 

T. Beaver, COGCC - Manager of Environmental and Commission Affairs ¢¢:

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

COGCC COMMISSION: Caroline Blackwell - Allen Heinle - Bruce Johnson - Logan Mackillan - Mike Maheson - Claudia Alebne - Marta Williams COGCC STAFF: Richard T. Griebling, Director - Brian J. Macke, Cepuly Director - Monts Bell, Manager of Engineering Patricia C. Beaver, Manager: Environmentel & Commission Affeirs- Maman Peacock, Manager of Information

EXISMPT

# 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-S T-33NR-9W 1/4NW 1/4SE County <u>1476</u> State <u>CO</u> Physical Address if appropriate: <u>VEECE</u> 33-9 # S-2 WELL

Source and description of waste:

DRILLWG MUD

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

COAL FINER

representative 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 Printed Name Paul Title. Date

TOTAL P.01

Instrict II(505) 748-1283New MexicoBistrict II(505) 748-1283Cil Conservation Division	FULIII C-130 Originated 4/18/95	
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 Origina Plus 1 Copy to appropriate District Office	
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007	
1. RCRA Exempt: X Non-Exempt: DATE: 5-2-97	4. Generator	
Verbal Approval Received: Yes No By:	CONOCO NGP	
2. Management Facility Destination TIERRA Environmental LANDFARM	5. Originating Site #61 CR 4900	
3. Address of Facility Operator 420_CR 3100 Aztoc NM 87410	6. Transporter	
7. Location of Material (Street Address or ULSTR)	8. State	
#61 CR 4900 BloomFIELD NM SANJUAN	NM	
9. Check One		
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 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: SCRUBBER WAST	= from GIAS	
PLANT (GAS	TREAT DEALMAR	
	OIL CON. DIV. DIST. 3	
Estimated Volume _ <u>300 BB/S yd</u> <sup>3</sup> Known Volume (to be entered by the opera	tor at end of haul): <u>280 BBLS</u> yd <sup>3</sup>	
SIGNATURE BA-WOOD TITLE ENVIRONMENTA	<u>L SPEC.DATE 5-2-97</u>	
	ONE NO	
(This space for State Use)		
APPROVED BY Demych, ten TITLE GEOLOGIST	DATE <u>5/12/97</u>	
APPROVED BY <u>rune Busch</u> TITLE <u>Geoforius</u>	DATE <u>5/12/57</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- T- R- 1/4: 1/4 County San Juan State NM Physical Address if appropriate: 61 County Road 4900, Bloomfield, NM

Source and description of waster Gas Treat 102 - Product is used to purify gas stream by removing

CO2 and trace amounts of H2S.

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

I \_\_\_\_\_ Terry L. Killian (Director - Environmental) representative for \_\_\_\_\_\_ Conoco Inc. Natural Gas & Gas Products Department's San Juan Gas Processing Plant

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

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

The required documentation is hereto attached:

Check appropriate line(s):

XX 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

· .	man in the	
Signature_	Very Dillion	
Printed Na	Terry L. Killian	
Tide	Director - Environmental	
Date	May 2, 1997	

\*\* TOTAL PAGE.002 \*\*

18CEIV May- 8 1997

District I(505) 353-0101P.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	Submit Origina Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 96007
1. RCRA Exempt: $\chi$ Non-Exempt: DATE: 03-31-97	4. Generator
Verbal Approval Received: Yes No By: F. Chave z	Pam
2. Management Facility Destination	5. Originating Site
TERRA Environmental Company ENC	SAMMONS #2
3. Address of Facility Operator	6. Transporter
# 420 CR3100 Aztec Nm 87410	D'amond D.
7. Location of Material (Street Address or ULSTR)	8. State
S.32, T-30N, R-10W with G SAN JUAN	NM
9. <u>Check One</u>	
All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate per job.	ertificate of waste from the Generator; one
<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 cl will be approved.</li> <li>All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: Confaminate of Soil 15</li> </ul>	assified as hazardous by listing or testing Ose consigned for transport.
RECEIVE APR 10 M	
OIL CON. DIV	7
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operation)	
SIGNATURE <u>211 D.N.</u> TITLE <u>Environmental</u> TYPE OR PRINT NAME <u>TOUL D. Nobi</u> <u>T</u> ELEPH	<u>SPEC.</u> DATE <u>03-31-97</u> ONE NO. <u>(505) 334-8894</u>
(This space for State Use)	
APPROVED BY Service Stand TITLE Geologist APPROVED BY Fried Fulle Geologist	DATE <u>4/10/97</u> DATE <u>4/10/97</u>
Trive bit z junie) k vite lile - ceret in	UAIE _////////

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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-<u>32</u> T-<u>30</u>R-<u>12</u>1/4 1/4 County San Jan State N.M. Physical Address if appropriate: 52 marca # 2

Source and description of waste:

Contaminated Soil From Drip Pit

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

I GATY S. COOK for INM

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:

en a film placet <del>a de la company de la com</del>

Check appropriate line(s):

MSDS Information sheet

RCRA TCLP Analysis

\_\_RCRA Metals Analysis

Corrosivity, Ignitability, Reactivity

Dan S. Cor Signature GAN, S. Cook Dest Printed Name Title Environant Dest Date 3-3/-97

	-	
P.O. Box 1940 Hobbs, NM 88241-1980 Energy Minerals and Natural Resources	Department	Congunated 4/18/95
District II (505) 748-1283 811 S. First Oil Conservation Division		
Artesia, NM 882102040 South Pacheco Street		Submit Origina Plus 1 Copy
1000 Rio Brazos Road         (505) 827-7131		to appropriate
<u>District IV</u> (505) 827-7131		District Office
REQUEST FOR APPROVAL TO ACCEPT SO		96007
1. RCRA Exempt: X Non-Exempt: DATE: 03-31-97	4. Generator	
Verbal Approval Received: Yes No By: F. Chave z	PNM	
2. Management Facility Destination	5. Originating Site	•
Tierra Environmental co. Inc LANDFARM	SAMMONS DE	
3. Address of Facility Operator	6. Transporter	
#420 CR 3100 Aztec NM 87410	Diamond D.	
7. Location of Material (Street Address or ULSTR)	8. State	
S-32 T-JON, R-IAW UNIT I SAN JUAN	NM	
9. <u>Check One</u>		
(A) All requests for approval to accept oilfield exempt wastes will be accompanied by a	certificate of waste from the Genera	tor: one
certificate per job.		
B. All requests for approval to accept non-exempt wastes must be accomanied by neo the material is non-hazardous and the Generator's certification of origin. No waste will be approved.	essary chemical analyses to prove classified as hazardous by listing or	testing
All transporters must certify that the wastes delivered are only the	nose consigned for tran	nsport.
BRIEF DESCRIPTION OF THE MATERIAL: Conteminated Soil	From	<u> </u>
Ario aria		• •
DECENV	BW	
APR 1 0 1997		
	Case /*	
OIL COM. D DIST. 3		
Estimated Volume _ 200 _ yd <sup>3</sup> Known Volume (to be entered by the oper	ator at end of haul):	yd <sup>3</sup>
SIGNATURE 21 D.N. TITLE Environmental	SPecialistDATE 0.3	31-97
	HONE NO(505) 334-	
(This space for State Use)		
A STATE A STAT	DATE <u>4///</u>	5197
APPROVED BY Frie Busch TITLE Geologist		\$/97

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-32 T-30 R	- <b>121</b> /4 1/4	County Sa.	Je State	N.m
Physical Address if appropriate:_			1	

From Drip

Source and description of waste: Contaminated

్రంగ

. .

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

I 6.4	cy S.	Cook			representative
for	pnm	s.,			-
			No. 10 1		

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

Signature Printed Name GAL S. Cool Title Invirun martel Date 3-31-97

,			
<u>DISUTICE 1</u> (SUS) 373-010 ! P.O. Box 1940	New Mexico		FUTIL C-130 Originated 4/18/95
Hobbs, NM 88241-1980 District II (505) 748-1283	Energy Minerals and Natural Resources	Department	
811 S. First Artesia, NM 88210	Oil Conservation Division 2040 South Pacheco Street	·	· · · · ·
<u>District III</u> (505) 334-6178 1000 Rio Brazos Road	Santa Fe, New Mexico 87505	· · ·	Submit Origina Plus 1 Copy
Aztec, NM 87410	(505) 827-7131	·· .	to appropriate District Office
<u>District IV</u> (505) 827-7131			· · · · · · · · · · · · · · · · · · ·
	REQUEST FOR APPROVAL TO ACCEPT SC		96067
1. RCRA Exempt:	× Non-Exempt: DATE: 03-17-97	4. Generator	,
Verbal Approval Re		Burlington	Resources
2. Management Fac	ility Destination	5. Originating Site	•
Tierra Envis		McGrath #4	SWD
3. Address of Facility		6. Transporter	
$\frac{\#}{7}$ 4 20 CR 31		CFEM	
	ial (Street Address or ULSTR)	8. State	
5.34, T-30N,	R-12W MCGRITH SWD#4 SAN JUAN	NM	
9. <u>Check One</u>		· ·	
All requests certificate p	s for approval to accept oilfield exempt wastes will be accompanied by a	certificate of waste from the Ger	nerator; one
B. All requests	s for approval to accept non-exempt wastes must be accomanied by nece I is non-hazardous and the Generator's certification of origin. No waste c	essary chemical analyses to pro lassified as hazardous by listing	ve or testing
All transporters mu	st certify that the wastes delivered are only th	ose consigned for t	ransport.
BRIEF DESCRIPTION C	FTHE MATERIAL: Filtration of Inco	mia Fluid 5	· · · · · · · · · · · · · · · · · · ·
To the MG	irath # 4 SWD in Jection Well.	- Sediment S	studge.
	DECEIVED MAR 2 8 1997		
	MAR 2 8 1997		
	OIL CON. DIV.		
Estimated Volume	<u>RBL</u> vd <sup>2</sup> /Known Volume to be entered by the opera	tor at end of haul): $\underline{930}$	yd <sup>3</sup>
	10NI- TITLE Environmental	SPRO L'STRATE ()	3-17-97
TYPE OR PRINT NAME_		HONE NO(505) 33	
(This space for State Use)		(a) a second contract of a second contract of the second contract	
APPROVED BY Wen	mp . Jestimine Geolog 1st	DATE <u></u>	1/97
APPROVED BY John		DATE4-	1-97
·	0	•	

### 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>34</u> T-<u>30N</u> R-<u>12W</u> 1/4 <u>1/4</u> County San Juan State <u>NM</u> Physical Address if appropriate:

Source and description of waste:

Filtration of incoming fluids to the McGrath SWD #4 injection well. Sediment Sludge.

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

 I\_\_\_\_\_Craig A. Bock
 representative

 for
 Burlington Resources

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

X RCRA TCLP Analysis

X RCRA Metals Analysis

X Corrosivity, Ignitability, Reactivity

Signature Printed Name\_Craig A. Bock Title Environmental Representative

Date 3/17/97

		Exempt Waste Manifest Meridian Oil Inc. PO Box 4289, Farmington, NM 87499
Safety and Environmental	1.	Waste Location: Lease/Well No. McGrath SWD #4
	2.	Volume:Cubic YardsBarrelsGallons
	3.	Description of Waste: <u>Filtered solids and oil mixed with soil</u>
	4.	Method of Waste Generation: Filtration on incoming fluids to
	5.	the McGrath SWD #4 well. Disposal Facility:
	6. 7.	Disposal Cost: $\frac{3}{14}$ , $\frac{9}{94}$ $\frac{3}{3}$ This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4. Approval for Disposal $\frac{3}{17/97}$ Date $\frac{3}{17/97}$
MOI Representative		Transportation Company: $\underline{C-Fand M}$ Date(s) Transported: $\underline{3-18}$ $\underline{3-19-97}$ MOI Representative on Site $\underline{J-18}$ Date $\underline{3-19-97}$
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)



Donny Poult

From: To: Subject: Deto: Priorky: Roger Anderson Denny Poust Moridian McGrath waste Tuesday, November 26, 1996 11:29AM High

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

••



8:52 No.002 P.04

70°51 ЯАМ

ID:202-256-6552

MERIDIAN-FARMINGTON

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# ENVIROTE

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

#### SUSPECTED HAZARDOUS & SOLID WASTE ANALYSIS

Client:	Philip Environmental	Project #:	96036
Sample ID:	102496-01	Date Reported:	10-25-96
Lab ID#:	A713	Date Sampled;	10-23-96
Sample Matrix:	Sludge	Date Received:	10-24-96
Preservative:	Cool	Date Analyzed:	10-25-96
Condition:	Cool & Intact	Chain of Custody:	4987
	555) <b>y</b> 11(25)	Gran of Guordy.	
Parameter	Result		
IGNITABILITY:	Did not ignite upon d	lifect contact with fiame.	
CORROSIVITY:	7.32		
REACTIVITY:	Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochioric acid).		
RCRA Hazardous Waste (	Criteria		
Parameter	Hazardous Westa Criterion		
GNITABILITY:	Sample Ignition upon direct hazardous waste status.	contact with flame indicates	
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, Hydroxide), or strong acid ( indicates hazardous waste	IN Hydrocholoric Acid)	
Reference:	40 CFR part 261 Subpart C	sections 261.21 - 261.23, July 1, 1	9 <b>92</b> .

Analyst

tacy W Lendler Review

570 II S Hinhway 64-3014 • Farmington, NM 87401 • Tel 505 • 632 • 0815 • Fax 505 • 632 • 1865 SO'd ZOO'ON ZS:8 26,21 と思い SZ26~9ZS-SOS: 01 ND CONTUNIED WITH AUTOMATING ID:202-326-9725 MERIDIAN-FARMINGTON ۰.

# ENVIROTECH LABS

#### EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	Philip Environmental	Project #:	86036
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 Mutrix:	<b>\$</b> iudge	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-Dichloroethene	0.0071	0.0002	0.7
2-Butanone (MEK)	NØ	0.0003	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.6
Benzene.	ND	0.0002	0.6
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0,8
Jetrachioroethene	0.0057	0.0005	0.7
Chlorobenzene	0.0206	0.0003	100
1,4-Dichlorobenzene	0.0809	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	ptance Criteria	Parameter	Percent Recovery
	· .	Trifluorotoluene	104%
		Bromofluorobenzene	86%
0-1	Blackson of America Transfordson	Nana-tariatia I sa abtua Gasar dura 6	

Regulatory Limits based on 40 CFR part 281 Subpart C section 261.24, July 1, 1992.

References:	Method 1311, foxicity Characteristic Leaching Procedure, SVV-848, USEPA, July 1992.
	Method 5030, Putge-and-Trap, SW-848, USEPA, July 1992.
	Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
	Method 8020, Aromatic Volatile Organics, SW-848, USEPA. Sept. 1994,

Note:

Comments: McGrath 4 bwD.

1: menero Analysi

Stacy W Lendler Review

5796 U.S. Highway 64-3014 • Farmington, NM 87401 • Tel 505 • 632 • 0618 • Fax 505 • 632 • 1865 90°d 200° אבצ 8:28 אין און 10,25 אין 26,21 און 10,25 אין 26,25 אין 26,25 אין 26,25 אין 26,25 אין 26,25 אין 26,25

# ONS FOR A BETTER TOMORRO

#### **EPA METHOD 8040** PHENOLS

Client: Sample ID: Laboratory Number: Chain of Custody: Sample Matrix: Preservative:	Philip Environmental 102496-01 A713 4987 Sludge Cool	Project #: Date Reported: Date Sampled: Date Received: Date Extractod: Date Analyzed:	96036 10-29-96 10-24-96 10-24-98 10-25-96 10-28-96 TCLP
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-Trichlorophenoi	ND	0.020	2.0	
2.4.5-Trichlorophenol	ND	0.020	400	
Pentachlorophenol	0,079	0.020	100	

ND - Parameter not detected at the stated detection limit.

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

Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid References: 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, Phenois, Test Mothods 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.

Note:

McGrath 4 bwD. Comments:

L. Gimen

Stacy W Sendler

Review

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# JAIK( JIE

CTICAL SOLUTIONS FOR A BETTER I OMORROW

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

Parameter	Concentration (mg/L)	Det. Limit <u>(mg/L)</u>	Regulatory Limit (mg/L)
27 2 - >		na+	BARUISton
Condition:	Cool and Intact	Analysis Requested:	TCLP
Preservative:	Caal	Date Analyzed:	10-28-96
Sample Matrix:	Sludge	Date Extracted:	10-25-96
Chain of Custody:	4987	Date Received:	10-24-98
Laboratory Number:	A713	Date Sampled:	10-24-98
Sample ID:	102498-01	Date Reported:	10-28-96
Client:	Philip Environmental	Project #:	96036

Pyridine	ND	0.020	8.0	
Hexachloroethane	0.088	0.020	3.0	
Nkrobenzene	ND	0.020	2.0	
Hexachlorobutadiena	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-fluorobiphenyi	99%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-848, USEPA, July 1992. Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992. Method 8090, Nitroarometics and Cyclic Kotonee, SW-846, USEPA, Sept. 1986. Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: McGrath 4 bwD.

even L. Opterica

Stacy W Lendler Review

5796 U.S. Highway 64-3014 . Farmington, NM 87401 . Tel 505 . 632 . 0815 . Fax 505 . 632 . 1865 8:54 No.002 P.08 70.51 AAM SZ26-9Z2-SOS: 01 MERIDIAN-FARMINGTON

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Philip Environmental	Project #:	96038
Sample ID:	102498-01	Date Reported:	10-29-96
Laboratory Number:	A713	Date Sampled:	10-24-98
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	Sludgø	Date Anelyzed:	10-29-96
Preservative:	Cool	Dete Extracted:	10-25-96
Condition:	Cool & intact	Analysis Needed:	TCLP metale
		Det.	Regulatory
	Concentration	Limit	Level
Parameter	(mg/L)	(mg/L)	(mg/L)
Arsenic	0.036	0.001	5.00
Barium	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
Sliver	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 Vepor Techniques, SW-846, USEPA.

Regulatory Limits based on 40 CFR part 281 subpart C Note: section 261.24, July 1, 1992.

McGrath 4 bwD. Comments:

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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 8:54 No.002 P.09 72'5' AAM

ID:202-326-925-01

MERIDIAN-FARMINGTON

District 11 (505) 334-61781000 Rio Brazos Road Aztec, NM 87410Sources 11000 Rio Brazos Road Aztec, NM 87410Sources 1 <t< th=""><th><b>Department</b> Submit Origina Plus 1 Copy to appropriate District Office</th></t<>	<b>Department</b> Submit Origina Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 97006 90007
1. RCRA Exempt: X       Non-Exempt: DATE: 03-13-97         Verbal Approval Received: Yes       No       By: D. Foust         2. Management Facility Destination       Terra Environmentel CO. ENC. Lawofurm         3. Address of Facility Operator         H420       CR 3100       Aztec         7. Location of Material (Street Address or ULSTR)         S-22, T-30N, R6-W       unit m       Rio Arribat         9. Check One       Check One         B. All requests for approval to accept oilfield exempt wastes must be accompanied by a certificate per job.	· · · ·
the material is non-hazardous and the Generator's certification of origin. No wasted will be approved. All transporters must certify that the wastes delivered are only the BRIEF DESCRIPTION OF THE MATERIAL: Coal Fines From A production TANK Were produced through the well BE	ose consigned for transport. , $cout Fine 5$
DECENVED MAR 1 4 1997	
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the opera	tor at end of haul):yd <sup>3</sup>
	<u>Specie 1</u> J DATE <u>03-13-97</u> IONE NO. <u>(505) 334-8894</u>
(This space for State Use) APPROVED BY New Street TITLE Geologist APPROVED BY Rule Buch TITLE Gallogat	DATE <u>4/ 10/ 97</u> DATE <u>41/0/97</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  $\approx 7-3\pi R - 10\omega 1/4 S = 1/4 M County San Tue State MM Physical Address if appropriate: <math>N/A$ 

Source and description of waste: Cedar Hill SWD facili bottom of a collection tap from an off lead to which anousity Feeds the Batteru

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

- representative ۱. fington Resources

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

<u>Corrosivity</u>, 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 Title Furivourner for Representative Date 3/4/97

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 97004         REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 97004         1. RCRA Exempt:       X Non-Exempt:       DATE: 00.06.97       4. Generator         Verbal Approval Received: Yes X No       By: Derwy Forst       Couldon NGA         2. Management Facility Destination       5. Originating Site	District I(505)-573-0101P.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	•	Curini C-13C Originated 4/18/95 Submit Origin: Plus 1 Copy to appropriate District Office
Verbal Approval Received: Yes X No       By: Denny Forst Concerned NGA         2. Management Facility Destination       5. Originating Site         TIFERENT Excitity Operator       6. Transporter         9. Address of Facility Operator       6. Transporter         9. Che CL 3100       Active Material (Street Address or ULSTR)       8. State         9. Check One       No       Syn 3 until Site         9. All requests for approval to accept on-warmpt wates will be accompanied by a certificate of waste from the Generator; one certificate of vaste for approval to accept on-warmpt wates a unstee classified as hazardous to prove the meanetable as hazardous and the Generator; one certificate of vaste for approval to accept on-warmpt wates a unstee classified as hazardous to prove the meanetable as hazardous and the Generator; one certificate of vaste for sproval         All transpor		LID WASTE 97004	92.00
<ul> <li>2. Management Facility Destination <ul> <li>TIFEREN Environments Lands Framm</li> <li>3. Address of Facility Operator</li> <li>4. CR 4900</li> </ul> </li> <li>3. Address of Facility Operator <ul> <li>4. CR 4900</li> <li>4. CR 4900</li> <li>6. Transporter</li> <li>R:1ey</li> </ul> </li> <li>7. Location of Material (Street Address or ULSTR) <ul> <li>8. State</li> <li>4. Ley</li> <li>8. State</li> <li>4. Ley</li> </ul> </li> <li>9. Check One <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>8. All requests for approval to accept oilfield exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator, one certificate per job.</li> <li>9. Check One</li> <li>Will be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only those consigned for transport.</li> <li>9. Extended Volume <u>400</u>, yd<sup>3</sup></li> <li>9. Known Volume (to be entered by the operator at end of bault: <u>400</u>, yd<sup>3</sup></li> </ul> <li>Signature <u>400</u>, <u>400</u>, <u>100</u>, <u>100</u>, <u>1000</u>, <u>1000</u>,</li>			•
THERE ENTROPORTS LANDSFROM       FG I CR 4900         3. Address of Facility Operator       6. Transporter         420 CL 3100 Actes, NM 82410       6. Transporter         7. Location of Material (Street Address or ULSTR)       8. State         #(1 CR 4900       BlownField Nm S9N 5UAN       Nm         9. Check One       Image: Strength State of Provide 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 oilfield exempt wastes will be accompanied by a certificate of waste from the Generator, one certificate for approval to accept non-exempt wastes will be accompanied by a certificate as hazarous by ison or testing will be approved.         All transporters must certify that the wastes delivered are only those consigned for transport.         BRIEF DESCRIPTION OF THE MATERIAL: Scru BBER wasts: From GAS flanf         (6A5 4reaf)         Image: A figure 400         Image: A figure 400         Yes         SIGNATURE         MDM         THE         Entimated Volume 400         Yes         Yes         SIGNATURE         MDM         THE         Entimated Volume 400         Yes         Reference for State Use)         (This space for State Use)         (Phone Proved BY		CONOCO NGA	
<ul> <li>3. Address of Facility Operator</li> <li>420 CL 3100 Artice NM 31410</li> <li>7. Location of Material (Street Address or ULSTR)</li> <li>8. State</li> <li>421 CR 4900 Blown Field Nm S9N 500 Nm</li> <li>9. Check One</li> <li>(Deck One</li> <li>(Deck One</li> <li>(Deck One)</li> <li>(Deck One)<td></td><td></td><td>•</td></li></ul>			•
420       CC 3 16 0       Actor NM 821410       R: 16 y         7. Location of Material (Street Address or ULSTR)       8. State         #61       CR 4900       Blown Field NM Son Such NM         9. Check One       One       NM         (a) All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate or ipb.       8. All requests for approval to accept one-exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate or ipb.         8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate or ipb.       8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate or ipb.         8. All requests for approval to accept non-exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate or ipb.         8. 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 orgin. No waste dassified 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: Scaue BBer Waster From Gras file of the transport.         BRIEF DESCRIPTION of THE MATERIAL: Scaue BBer Waster From BD Dow DETER 3         ICM       Freb 2 8 1997         OR	115-RRA Environmental LANDFARM		
<ul> <li>7. Location of Material (Street Address or ULSTR)</li> <li>8. State</li> <li>#(1 CR 4900 BloomField Nm S9N 500N Nm</li> <li>9. Check One</li> <li>(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.</li> <li>8. All requests for approval to accept oilfield exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate per job.</li> <li>8. All requests for approval to accept oilfield exempt wastes must be accompanied by a certificate of waste from the Generator; one certificate per job.</li> <li>8. All requests for approval to accept one-exempt wastes must be accompanied by necessary chemical analyzes to prove the material is non-integrations and the Generator's certification of orgin. 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> <li>BRIEF DESCRIPTION OF THE MATERIAL: Scru BBeR JAStc From GAS floanf (645 4reaf)</li> <li>(645 4reaf)</li> <li>(645 4reaf)</li> <li>(645 4reaf)</li> <li>(760) yd<sup>3</sup> / Known Volume (to be entered by the operator at end of haul): <u>40 U</u> yd<sup>3</sup></li> <li>SIGNATURE MDM</li></ul>			
9. <u>Check One</u> 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 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. BRIEF DESCRIPTION OF THE MATERIAL: Scru BBER waste From Gas flanf (Gas treat) REF 2 8 1997 OILL COMO DING Estimated Volume <u>400</u> yd <sup>3</sup> Known Volume (to be entered by the operator at end of haul): <u>40 J</u> yd <sup>3</sup> SIGNATURE <u>Hand</u> TITLE <u>Enviro menfel</u> <u>specialist</u> DATE <u>2/28/87</u>	7. Location of Material (Street Address or ULSTR)	i	<u></u>
9. <u>Check One</u> 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 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. BRIEF DESCRIPTION OF THE MATERIAL: Scru BBER waste From Gas flanf (Gas treat) REF 2 8 1997 OILL COMO DING Estimated Volume <u>400</u> yd <sup>3</sup> Known Volume (to be entered by the operator at end of haul): <u>40 J</u> yd <sup>3</sup> SIGNATURE <u>Hand</u> TITLE <u>Enviro menfel</u> <u>specialist</u> DATE <u>2/28/87</u>	#61 CR 4900 BloomField don Sont JUAN	AIM	
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: Scru BBER waste from GAS flant (645 treat)         Image: Comparison of the materials in comparison of the material scene of the scene of the material scene of the material scene of the			
BRIEF DESCRIPTION OF THE MATERIAL: SCEW BBER WASTE From GAS flant (645 treat) DECENVED FEB 2 8 1997 OUL GONO DUVO DIST. 3 SIGNATURE	<ul> <li>Certificate per job.</li> <li>B. 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 classical sectors are classical sectors.</li> </ul>	ssary chemical analyses to prove	
(645 treat)	All transporters must certify that the wastes delivered are only the	ose consigned for trans	port.
FEB 2 8 1997 OIL COIN. DIV. DISTO 8 DISTO 8 SIGNATURE	BRIEF DESCRIPTION OF THE MATERIAL: SCIUBBER WASTE From (615 treat)	om GAS flant	
Estimated Volume <u>400</u> yd <sup>3</sup> Known Volume (to be entered by the operator at end of haul): <u>400</u> yd <sup>3</sup> SIGNATURE <u>MOM</u> TITLE <u>Environmental</u> <u>specialist</u> DATE <u>00-06-97</u> TYPE OR PRINT NAME <u>Toto 0. Nob</u> 5 TELEPHONE NO. <u>(505) 334-8894</u> (This space for State Use) APPROVED BY <u>Hampe 2. Dem</u> TITLE <u>Geologist</u> DATE <u>2/28/97</u>			
TYPE OR PRINT NAME Todd D. Nob. 5 TELEPHONE NO. (505) 334-8894 (This space for State Use) APPROVED BY Jemy 2. Pay TITLE Geologist DATE 2/28/97	110.0	DIST. R	yd <sup>3</sup>
APPROVED BY Jemy 3. Tent TITLE Geologist DATE 2/28/97			
APPROVED BY Jemp 3. Joint TITLE Geologist DATE 2/28/97 APPROVED BY June Buch TITLE Geologist DATE 4/10/97	(This space for State Use)		
APPROVED BY June Buch TITLE Geologist DATE 4/10/97	APPROVED BY Demy 2. Rent TITLE Geologist	DATE 2/28/	197
	APPROVED BY Fine Buch TITLE Geologist	DATE <u>4/10/9</u>	.7

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87419



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- R- 1/4: 1/4 CountySan Juan State NM Physical Address if appropriate: 61 County Road 4900, Bloomfield, NM 87413

### Source and description of waster

Gas Treat 102 - Productissused to purify gas stream by removing CO2 and trace amounts of H2S.

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

I Terry Killian (Director - Environmental) for <u>Conoco Inc. Natural Gas & Gas Products Department's</u> San Juan Gas Processing Plant

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:

Chack appropriate line(s):

XXX MSDS Information sheet

RCRA TCLP Analysis

ECRA Metals Analysis

\_\_\_\_Corrocivity, Ignitability, Reactivity

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

Signatu	re	_	Ver	15	P	Hier	<b>a</b> )	
Printed		-				Killian		 
Title	<u>Dir</u>	ecto	r O	Envi	ror	mental		 -
Date )	Feb.	26.	1997					 -

\*\* TOTAL PAGE.002 \*\*

Insurict 1 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 District IV (505) 827-7131	<b>CULTER C-130</b> Originated 4/18/95 <b>Department</b> Submit Origina Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 95022 9
1. RCRA Exempt: yes Non-Exempt: DATE: 3-10-97	4. Generator
Verbal Approval Received: Yes No By DEWNY Foust	BASIN Disposal
2. Management Facility Destination	5. Originating Site
TIERRA Environmenter Lano Frem Fracility	#6 CR 5046
3. Address of Facility Operator	6. Transporter
420 CR 3100 Aztoc NM 87410	HARVEY Johnson Ent.
7. Location of Material (Street Address or ULSTR)	8. State
#6 CR 5046 Bbomfield NM 5-3 T-29N R-11W SAWJ	NEW Mexico
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a c certificate per job.</li> <li>B. All requests for approval to accept non-exempt wastes must be accomanied by necest the material is non-hazardous and the Generator's certification of origin. No waste clawill be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only the material is non-hazardous.</li> </ul>	ssary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL:	<b>.</b>
Solias mixED with soil from produces u	ATER Injection Pacility
NO RecoverAblE Hydro CARbons	
	DECEIVED N MAR 1 3 1997
Estimated Volume <u>400</u> yd <sup>3</sup> Known Volume (to be entered by the operat	OIL CON DIV or at end of haun 3
SIGNATURE Bai Willai TITLE ENVIRONMENTAL	Somalit DATE 3-10-97
	ONE NO
(This space for State Use)	ti inde e schaftelijne det tributten en en en en en
APPROVED BY Demp Feer TITLE Geolog 15t	
APPROVED BY Frie Bunkhille Geologial	DATE <u>\$ 137 99</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-3 T- $\frac{39}{R}$ - $\frac{11}{4}$ 1/4 County SAA JUANState NMPhysical Address if appropriate:  $\frac{14}{6}$  CR 5046 Bloom Sield

Source and description of waste:

Solids	mixed with	n Soil F	iom pr	oduce J	
WATER	instection .	Facility.	alo"	Rejoveral	sie
1. 100	1.0		, , , , , ,		

Hydro- CARBon 5

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

Ī	Jimmy	BARNes	· ·		_representative
for	BASIN	DESPOSAL	• .		 
		• • •		•	·

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

<u>Corrosivity</u>, 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 : mmy 1 Title ANAG Date 3-



OIL CON. DIV. DIST. 3

150

New MexicoNew MexicoP.O. 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	<b>PUTILI C-130</b> Originated 4/18/95 <b>Department</b> Submit Origina: Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO	LID WASTE 9200/ 96007-
1. RCRA Exempt: X Non-Exempt: DATE: 03-10-97	4. Generator
Verbal Approval Received: Yes No By: D. Foust	Four Four INC.
2. Management Facility Destination	5. Originating Site NL BARD
Tierra Ensironmental Co. Inc	Houston TX
3. Address of Facility Operator	6. Transporter
HH20 CR 3100AztecJm874107. Location of Material (Street Address or ULSTR)	Four Four inc.
	8. State
5720 HWYGY (LANGO TANK) BloomField NM 87413	an
<ul> <li>9. <u>Check One</u> <ul> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a c 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 clawill be approved.</li> </ul> </li> <li>All transporters must certify that the wastes delivered are only the material is non-hazardous.</li> </ul>	ssary chemical analyses to prove assified as hazardous by listing or testing
BRIEF DESCRIPTION OF THE MATERIAL: UNUSED drilling,	nud DECENVED FEB 28 1997 ODL COM. DIVZ DISTL. 3
Estimated Volumeyd <sup>3</sup> Known Volume (to be entered by the operation $\frac{50}{2}$	tor at end of haul): <u>50</u> yd <sup>3</sup>
	<u>Necialist</u> DATE <u>02-10-9</u> ONE NO. <u>(505) 334-8894</u>
APPROVED BY Demp 2: Junt TITLE Geologist APPROVED BY Strue Build TITLE Goologist	DATE $\frac{2/28/97}{28/97}$ DATE $\frac{2/28/97}{28/97}$

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: STR1/4 1/4CountyState
Physical Address if appropriate:
Source and description of waste: N. C. BARDIC TO BOX 1075 Hooston, IX. 7725 QUICK-Get (Drilling Fluid)
Quirk bel (Dalling Fluid)
Used for load Boars HWY 44 Bernalillio . N.M.
Destination: Tierra Landfarm Facility, 420 CR 3100, Aztec, San Juan Co. N.M.
I Eddie Folk representative for Four Four INC
for FOLD FOUR INC.
do hereby certify that according to the Resource Conservation and Recovery Act (RCRA)
that the above described waste is <i>L</i> 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 Edd 10 Title Supt. , Date Lel 10

# Environmental, Safety and Transportation Data Sheet

# **QUIK-GEL**

I PRODUCT IDENTIFICATION			·		Q
SUPPLIER		R TELEPHONE NO.	(713) 987-5900		
	EMERGE	NCY TELEPHONE NO	<b>b.</b> (713) 987-4000		G E E
ADDRESS					
P.O. BOX 1675 HOUSTON, TEXAS 77251	u a <u>,,,,</u>			≥	
				.   •	1
QUIK-GEL® GENERIC DESCRIPTION					ון
HIGH YIELD BENTONITE; SODIUM MONTMOR				L L	
II HAZARDOUS INGREDIENTS					
				]] <u>∓</u>	
	° 0	HAZARD DATA		HEALTH HAZARD	
SILICA 7631-86-9	2-6%	LOW CONCENT	TRATIONS OF	RD	
•		CRYSTALLINE	SILICA (SiO <sub>2</sub> )		
		IN THE FORM (	OF QUARTZ,	0	
		CRISTOBALITE	, AND TRIDYMITE		Ratin Occu
		MAY BE PRESE	NT.		Ratings based on NIOSH "Identification Syst Occupationally Hazardous Materials" (1974)
		(SEE SECTION	V)	MABI	ed on h ally Ha
III PHYSICAL DATA	<b>.</b>				VIOS
BOILING POINT (°F) NA	MELTING	POINT NA	FREEZING POINT		H "Ider ous Mat
SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 2.5	VAPOR PI	RESSURE (mm Hg) NA	• • • • •		ntification rials"
VAPOR DENSITY (AIR = 1) NA	SOLUBILI N	TY IN H₂O, % BY WT A			on Syst (1974)
% VOLATILES BY VOL. NA	EVAPORA	TION RATE (BUTYL NA	ACETATE = 1)		tem for
APPEARANCE AND ODOR GREY, TAN POWDER	Density @		UNCOMPACTED)		
рн NA					

NA = Not Applicable ND = Not Determined

All information recommendations and suggestions herein concerning our product are based upon tests and data believed to be reliable, however, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by NL Petroleum Services, Inc. as to the effects of such use, the results

to be obtained, or the safety and toxicity of the product nor does NL Petroleum Services, Inc. assume any liability arising out of use, by others, of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

# **BEST Sheet**

IV FIRE AND EXPLOSION DATA	
NOT FLAMMABLE OR EXPLOSIVE.	
EXTINGUISHING MEDIA: WATER	
V HEALTH HAZARD INFORMATION	
CARCINOGENICITY — SEE ROUTES OF EXPOSURE AND EFFEC	TS (BELOW)
ACUTE ORAL LD <sub>50</sub> ACUTE DERMAL LD <sub>50</sub> ND ND	AQUATIC TOXICITY (LC <sub>50</sub> ) <b>10,000 mg/l</b>
ROUTES OF EXPOSURE AND EFFECTS	
THIS PRODUCT CONTAINS FREE CRYSTALLINE SILICA WHICH ITED LIMITED EVIDENCE OF CARCINOGENICITY IN HUMAN POWDER MAY RESULT IN SILICOSIS, A NONCANCEROUS LUN	NS. PROLONGED INHALATION OF THE
TLV FOR RESPIRABLE DUST	
10 mg/m³	
% RESPIRABLE QUARTZ -	+ 2
TLV FOR "TOTAL DUST"	
30 mg/m³	
% QUARTZ + 3	
IF CRISTOBALITE OR TRIDYMITE IS DETECTED, USE ONE-H FORMULAE FOR QUARTZ	ALF THE VALUE CALCULATED FROM
SKIN: POTENTIAL IRRITANT EYES: IRRITANT INHALATION: IRRITATION TO LUNGS, NOSE, AND THROAT; PR MAY CAUSE LUNG INJURY, OR DISEASE	OLONGED INHALATION
EMERGENCY AND FIRST AID PROCEDURES	
NORMAL PERSONAL HYGIENE.	

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# **BEST Sheet**

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### VI REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY

### STABLE

INCOMPATIBILITY

### NONE

HAZARDOUS DECOMPOSITION PRODUCTS

### NONE

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION

NONE

### VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED NORMAL HOSUEKEEPING; CAUSES SLIPPERY SURFACES WHEN WET.

NEUTRALIZING CHEMICALS

NA

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

### **VIII INDUSTRIAL HYGIENE CONTROL MEASURES**

VENTILATION REQUIREMENTS

MECHANICAL, GENERAL ROOM VENTILATION USE LOCAL VENTILATION TO MAINTAIN TLV (SEE SECTION V)

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

#### RESPIRATORY

USE A NIOSH APPROVED MECHANICAL FILTER RESPIRATOR FOR NONTOXIC DUSTS.

EYE

SAFETY GLASSES, GOGGLES

GLOVES

#### NONE REQUIRED

OTHER CLOTHING AND EQUIPMENT

APRON, EYEWASH

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	BEST Sheet			
RECOMMENDED LABELING: TERMIT PANE: CAUTION GET RACK PANEL FOR CAUTION BEFORE USE. BACK PANEL: CAUTION THE LARC HAS EXHIBITED LIMITED EVIDENCE OF CARCINOCONDING TO THE LARC HAS EXHIBITED LIMITED EVIDENCE OF CARCINOCONCIVIN IN SUL COSIS, A NONCANCEROUS LUNG DISEASE AVOID CREATING DUSTY CONDI- COSIS, A NONCANCEROUS LUNG DISEASE AVOID CREATING DUSTY CONDI- TIONS AND USE A NIOSH APPROVED DUST RESPIRATOR. DTHER HANDLING AND STORAGE REQUIREMENTS STORE IN SHELTERED AREA OR COVER TO PROTECT FROM MOISTURE DEPARTMENT OF TRANSPORTATION INFORMATION PROPER SHIPPING NAME: NOT REGULATED PLACARDS: NONE HAZARD CLASS: NOT HAZARDOUS HAZARD CLASS: NOT HAZARDOUS LABEL: MONE REQUIRED PREPARED BY NL BAFOID		······································		
FRONT PANE:       CAUTION         BECK PANEL:       CAUTION         THIS PRODUCT CONTAINS FREE CRYSTALLINE SILICA WHICH ACCORDING TO         THIS PRODUCT CONTAINS FREE CRYSTALLINE SILICA WHICH ACCORDINGTO IN HUMANS, PROLONGED LIMITED EVIDENCE OF CARCINGGENICITY IN HUMANS, PROLONGED INHALATION OF THE POWDER MAY RESULT IN SILICA SILICA WHICH ACCORDING TO TO SILICA SILICA WHICH ACCORDING TO THE IARC HAS EXHIBITED LIMITED EVIDENCE OF CARCINGGENICITY IN HUMANS, PROLONGED INHALATION OF THE POWDER MAY RESULT IN SILICA SILICA WHICH ACCORDING TO TOOLS AND USE A NIOSH APPROVED DUST RESPIRATOR.         DTHER HANDLING AND STORAGE REQUIREMENTS         STORE IN SHELTERED AREA OR COVER TO PROTECT FROM MOISTURE         DEPARTMENT OF TRANSPORTATION INFORMATION         PROPER SHIPPING NAME:       NOT REGULATED         PLOAGED LASS:       NOT HEGULATED         PLOAGED CLASS:       NOT HAZARDOUS         ID NUMBER:       NOT REGULATED         HAZARD CLASS:       NONE         LABEL:       NONE         HAZARDOUS SUBSTANCE:       NONE				
SEE BACK PANEL FOR CAUTION BEFORE USE. BACK PANEL: CAUTION THIS PRODUCT CONTAINS FREE CRYSTALLINE SILICA WHICH ACCORDING TO THE LARC HAS EXHIBITED LIMITED EVIDENCE OF CARCINOGENICITY IN HUMANS. PROLONGED INHALATION OF THE POWDER MAY RESULT IN SILI- COSIS, A NONCANCEROUS LUNG DISSES AVOID CREATING DUSTY CONDI- TIONS AND USE A NICSH APPROVED DUST RESPIRATOR.  OTHER HANDLING AND STORAGE REQUIREMENTS STORE IN SHELTERED AREA OR COVER TO PROTECT FROM MOISTURE  DEPARTMENT OF TRANSPORTATION INFORMATION PROPER SHIPPING NAME: NOT REGULATED PLACARDS: NONE REPORTABLE QUANTITY: NONE HAZARD CLASS: NOT HAZARDOUS LABEL: NONE REQUIRED LABEL: NONE REQUIRED PREPARED BY NL BAROID	RECOMMENDED L/	ABELING:		
THIS PRODUCT CONTAINS FREE CRYSTALLINE SILICA WHICH ACCORDING TO THE IARC HAS EXHIBITED LIMITED EVIDENCE OF CARCINOGENICITY IN HUMANS. PROLONGED INHALATION OF THE POWDER MAY RESULT IN SILI- COSIS, A NONCANCEROUS LUNG DISEASE. AVOID CREATING DUSTY CONDI- TIONS AND USE A NIOSH APPROVED DUST RESPIRATOR.	FRONT PANEL:			BEFORE USE.
STORE IN SHELTERED AREA OR COVER TO PROTECT FROM MOISTURE  DEPARTMENT OF TRANSPORTATION INFORMATION  PROPER SHIPPING NAME: NOT REGULATED PLACARDS: NONE  REPORTABLE QUANTITY: NONE  HAZARD CLASS: NOT HAZARDOUS  LABEL: NONE REQUIRED  PREPARED BY NL Baroid DATE	BACK PANEL:	THIS PROD THE IARC HUMANS. I COȘIS, A N	UCT CONTAINS FREE HAS EXHIBITED LIM PROLONGED INHALAT IONCANCEROUS LUN	TON OF THE POWDER MAY RESULT IN SILI- G DISEASE. AVOID CREATING DUSTY CONDI-
STORE IN SHELTERED AREA OR COVER TO PROTECT FROM MOISTURE  DEPARTMENT OF TRANSPORTATION INFORMATION  PROPER SHIPPING NAME: NOT REGULATED PLACARDS: NONE  REPORTABLE QUANTITY: NONE  HAZARD CLASS: NOT HAZARDOUS  LABEL: NONE REQUIRED  PREPARED BY NL Baroid DATE				
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HAZARDOUS SUBSTANCE: NONE LABEL: NONE REQUIRED PREPARED BY NL Baroid DATE	HAZARD CLAS	S: NOT UA7		ID NUMBER: NONE
LABEL: NONE REQUIRED         PREPARED BY       NL Baroid         DATE	HAZARD CLAS	- NUT MAZ	ANDOOS	
PREPARED BY NL Barold DATE	HAZARDOUS S	UBSTANCE:	NONE	
	LABEL: NONE	<u>REQUIRE</u> D		
				DATE JUNE, 1988

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Insurict 1, (505) 333-0101 P.O. Eox 1940 Hobbs, N.J. 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 87505 (505) 827-7131	Department	Congunated 4/18/95 Origunated 4/18/95 Submit Original Plus 1 Copy to appropriate District Office
REQUEST FOR APPROVAL TO ACCEPT SO		96007
<ol> <li>RCRA Exempt: yes Non-Exempt: DATE: 2-3-97</li> <li>Verbal Approval Received: Yes No By: Denny Forst</li> <li>Management Facility Destination         <ul> <li>TIEPER Environmental LawsFARm Facility - Clarch Mesh</li> <li>Address of Facility Operator</li> <li>42/ CR 3100 Actes NM 87410</li> </ul> </li> <li>Location of Material (Street Address or ULSTR)</li> <li>**6 CR source Bloom field Nm 5-3, T-29N, R-11W SAW Sum</li> <li>Check One</li> <li>All requests for approval to accept oilfield exempt wastes will be accompanied by a cortificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by a cortificate per job.</li> <li>All requests for approval to accept non-exempt wastes must be accompanied by no continue approved.</li> <li>All transporters must certify that the wastes delivered are only the set of the material is non-hazardous and the Generator's certification of origin. No waste continue approved.</li> </ol>	6. Transporter <u>HAEVEY</u> Johnson 8. State <u>NEW Mexico</u> certificate of waste from the General essary chemical analyses to prove lassified as hazardous by listing or	UNIT E9-F Enterpeiser
BRIEF DESCRIPTION OF THE MATERIAL: Solids mixED with soil feom waster water (NO Recoverable hydrocarbons)	Ballend of haul):	yd <sup>3</sup>
SIGNATURE <u>Rein Williams</u> TITLE <u>Environmental Spec</u> TYPE OR PRINT NAME <u>Blaine</u> Williams TELEPH	DATE <u>2-3</u> HONE NO. (505) 334-	
(This space for State Use) APPROVED BY Denny 2. Found TITLE Geolog ist APPROVED BY Jahmy Rollinson TITLE Field Rep II	DATE 2/5	197 97

420 COUNTY ROAD 3100 AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-3 T-24N R-1/W 1/4 1/4 County  $\leq J$  State NMPhysical Address if appropriate: # 4 CR 5046 Bloom field NM

solids mixed with soil from waste water injection

Source and description of waste:

Greenins

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

1ED MAMMONAC representative I Disposal for SASin

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 Printed Name Te. Title 175 Date 🗸