

NM1-10-A

C-138

Date: 1996

Tierra Land Farm

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

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96033 ~~96033~~

<p>1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 12-31-96</p> <p>Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Foust</p>	<p>4. Generator</p> <p>CONOCO GAS Plant</p>
<p>2. Management Facility Destination</p> <p>Tierra Environmental Company Inc. Landfarm</p>	<p>5. Originating Site</p> <p>#61 CR 4920 (Conoco Plant)</p>
<p>3. Address of Facility Operator</p> <p>#420 CR 3100 Aztec NM 87410</p>	<p>6. Transporter</p>
<p>7. Location of Material (Street Address or ULSTR) SAN JUAN county</p> <p>#61 CR 4920 Bloomfield NM 87413</p>	<p>8. State</p> <p>NM</p>
<p>9. <u>Check One</u></p> <p><input checked="" type="checkbox"/> 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.</p> <p><input type="checkbox"/> 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.</p>	
<p>All transporters must certify that the wastes delivered are only those consigned for transport.</p>	

BRIEF DESCRIPTION OF THE MATERIAL: SCRUBBER WASTE FROM GAS PLANT
(GAS TREAT 102)

RECEIVED
JAN 10 1997

OIL CON. DIV.
DIST. 3

Held C-138 for reproducible
certificate of waste.

Estimated Volume _____ yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE _____

TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny B. Faust TITLE Geologist DATE 1/31/97

APPROVED BY Elmer Burch TITLE Geologist DATE 1/31/97

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- T- R- 1/4- 1/4 County State
Physical Address if appropriate: 61 County Rd 4920, Blainville, NM 87413

Source and description of waste:

Gas Train 102. It 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 Chris Hansen (Env. Engineer) representative
for Conoco Inc. San Juan Gas Plant

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):

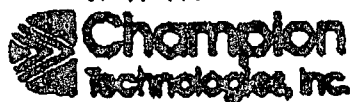
- ☒ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature Chris Hansen
Printed Name Chris Hansen
Title Environmental Engineer
Date 8/13/96

Post-it brand fax transmittal memo 7871 # of pages = 1	
To: <u>LEWIS</u>	From: <u>TIERRA (TERR)</u>
At: <u>CONOCO</u>	CC:
Date: <u>632-4930</u>	Phone: <u>334-8894</u>
	Fax: <u>334-9024</u>

627-7907



Page 3 of 3

GAS TREAT 102

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Shut off ignition sources. No flames, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor: it may not prevent ignition in closed areas. Take up spill with sand or other noncombustible absorbent material and place in containers for later disposal. ALWAYS WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT WHEN ADDRESSING SPILL OR LEAK. FLUSH SPILL AREA WITH PLENTY OF WATER.

WASTE DISPOSAL METHOD:

Contact an EPA or State Approved Disposal 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: Coveralls, Splash Aprons, Eye Wash, and Safety Shower

Work/Hygiene Practices: Clean up Spills Promptly, Wash Contaminated Clothing.

SECTION 9 - SHIPPING DATA

Champion Label No. 45

Hazard Classification: 6.1 UN 3139 Labels Required: OXIDIZER DOT ER Code No.: 45

Proper Shipping Name/Description:

OXIDIZING SUBSTANCES, LIQUID, N.O.S., 5.1, UN 3139, PG II
(SODIUM NITRITE)

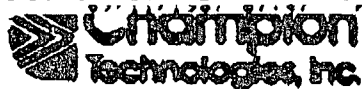
WG in lbs.	WG in gallons	pH:	Flash Point, F:	Pkg. Group:	IMDG Pg. No.:
250	22	8.8-9.3	NONE	II	5163

This information is based on data believed by Champion Technologies, Inc. to be accurate, but no warranty, express or implied is made.

TOTAL P.06
PAGE.005

OCT 31 '94 10:27

** TOTAL PAGE.004 **



AAS TREAT 102

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Chemical Stability: STABLE

Conditions To Avoid: OPEN FLAMES

Incompatibility (materials to avoid): ORGANICS, AMMONIUM SALTS, REDUCING AGENTS, WOOD

Hazardous Decomposition/Byproducts: OXIDES OF CARBON & NITROGEN

Hazardous Polymerization: WILL NOT OCCUR

Hazard Rating Scale: HEALTH: 2 FIRE: 0 REACTIVITY: 0

(4=severe, 3=serious, 2=moderate, 1=light, 0=minimal)

SECTION 6 - HEALTH HAZARDS

PRIMARY ROUTES OF ENTRY

Inhalation: X Absorption: X Ingestion: X Injection: NA

HEALTH HAZARDS:

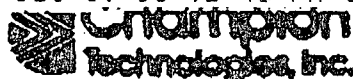
Human health effects of overexposure to this product by skin or eye contact may include skin irritation with discomfort or rash; or eye irritation with discomfort, tearing, or blurring of vision. Inhalation or ingestion may cause low blood pressure with headache, fainting, nausea, or weakness. This product can react with certain amines to form nitrosamines which may cause cancer, mutations, or other toxicity.

EMERGENCY & FIRST AID PROCEDURES:

In case of EYE contact, immediately flush eyes with running water and continue washing for at least 15 minutes. In case of INGESTION, give 2 glasses of water and induce vomiting. Obtain medical attention without delay. In case of SKIN contact, remove contaminated clothing and wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before re-wearing. In case of INHALATION, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen may be given by qualified personnel.

IF CONDITIONS PERSIST, SEEK MEDICAL ATTENTION.

Carcinogenicity? NO NTP? ND IARC Monograph? ND OSHA Regulated? NO



MATERIAL SAFETY DATA SHEET

GAS TREAT 102

SECTION 1 - IDENTIFICATION

IBM 40088

Champion Technologies, Inc.
3190 FM 521 Fresno, TX 77345
PO. BOX 450499 Houston, TX 77245

EMERGENCY TELEPHONE NUMBERS:
1-713-431-3561
1-800-424-9300 (CHEMTREC)

Trade Name: GAS TREAT 102

Chemical Family: INORGANIC SALTS

CAS No.: 000001ETARY

Prepared: 10/05/94

Prepared by: J. Scharnick

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component:	CAS No.	Wt. %	OSHA (PEL)
SODIUM NITRITE	7532-00-0	40	ND

* Denotes a chemical subject to the reporting requirements of SARA Title III section 313 of 1986 and 40 CFR part 372.

SARA Title III Hazard Categories:

1, 3

Nitriles can react with certain amines to form Nitrosamines (SEE HEALTH)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point, F:	ND	Specific Gravity (H2O=1):	1.25-1.35
Vapor Pressure (mm Hg):	ND	Evaporation Rate:	ND
Vapor Density (Air=1):	ND	(butyl acetate)	
pH:	8-9.3	Viscosity:	8 CPS
Solubility in Water:	SOLUBLE		
Appearance and Odor:	DARK BLUE LIQUID WITH MILD ODOR		

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point, F & Method	Flammable Limits:	LEL, % ND	UEL, % ND
NONE PMCC	Based on: NA		

FIRE HAZARDS:

This material may burn, but does not readily ignite. Product would be a fire hazard only if dried to a powder by boiling off water.

EXTINGUISHING MEDIA:

Flood fire area with water; do not use dry chemical, CO2 or Halon. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of containers.

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

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811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 12-23-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes No By: D. Foust	4. Generator BASIN DISPOSAL
2. Management Facility Destination Tierra Environmental CO. INC. LANDFARM	5. Originating Site #6 CR 5046
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter HJ. ent.
7. Location of Material (Street Address or ULSTR) #6 CR 5046 Bloomfield NM S-3, T-29N, R-11W. SAN JUAN	8. State NM

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-exempt wastes must be 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:

Solids mixed w/ soil from waste water incineration process.
(No Recoverable Hydrocarbons)

RECEIVED
DEC 31 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 400 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE T.D. Nobis TITLE Environmental Specialist DATE 12-23-96
 TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 12/31/96
 APPROVED BY Ernie Basch TITLE Geologist DATE 1/3/97

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410

TIERRA ENVIRONMENTAL COMPANY Inc.



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

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

"CERTIFICATE OF WASTE STATUS"

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

Source and description of waste:

Solids mixed with clean soil from waste water
injection process (no recoverable hydrocarbons)

40 loads

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

X I Collin D Hart representative
for Basin Disposal

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

The required documentation is hereto attached:

Check appropriate line(s):

☐ MSDS Information sheet

☐ RCRA TCLP Analysis

☐ RCRA Metals Analysis

☐ Corrosivity, Ignitability, Reactivity

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

X Signature Collin D Hart

X Printed Name COLLIN D HART

X Title Manager

X Date 12-23-90

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96001 96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 12-06-96 Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> By:	4. Generator Burlington Resources
2. Management Facility Destination Tierra Environmental Co. Inc Landfarm	5. Originating Site McGrath SWD #4
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter CF&M
7. Location of Material (Street Address or ULSTR) S-34, T-30N, R-12W SAN JUAN county	8. State NM

9. Check One

- (A) All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- B. All requests for approval to accept non-exempt wastes must be 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: Filtration of incoming Fluid 5
To the McGrath SWD #4, TANK Bottoms w/No Recoverable Hydrocarbons.

RECEIVED
DEC - 6 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 600 BBLs

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 12/06/96
 TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Z. Fournier TITLE Geologist DATE 12/6/96
 APPROVED BY Ernie J. Busey TITLE Geologist DATE 12/6/96

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-34T-304R-12W1/4 1/4 County San Juan State NM
Physical Address if appropriate: McGrath SWD #4

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. Beck representative
for Burlington Resources

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 C. A. Beck

Printed Name Craig A. Beck

Title Environmental Representative

Date 12/15/96

Denny Foust

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

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****SUSPECTED HAZARDOUS
& SOLID WASTE ANALYSIS**

Client:	Philip Environmental	Project #:	96036
Sample ID:	102498-01	Date Reported:	10-25-96
Lab ID#:	A713	Date Sampled:	10-24-96
Sample Matrix:	Sludge	Date Received:	10-24-96
Preservative:	Cool	Date Analyzed:	10-25-96
Condition:	Cool & Intact	Chain of Custody:	4987

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: 7.32

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
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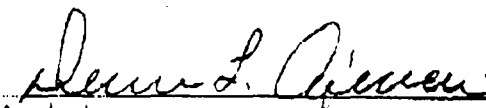
IGNITABILITY: Sample ignition upon direct contact with flame indicates hazardous waste status.

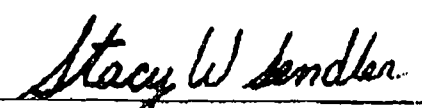
CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: McGrath 4 bwd.


Analyst


Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS**

Client:	Philip Environmental	Project #:	96036
Sample ID:	102496-01	Date Reported:	10-29-96
Laboratory Number:	A713	Date Sampled:	10-24-96
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	Sludge	Date Extracted:	10-25-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0004	0.2
(1,1-Dichloroethene	0.0071	0.0002	0.7
2-Butanone (MEK)	ND	0.0003	200
Chloroform	ND	0.0001	8.0
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	0.6
Tetrachloroethene	0.0067	0.0005	0.7
Chlorobenzene	0.0208	0.0003	100
1,4-Dichlorobenzene	0.0609	0.0002	7.5

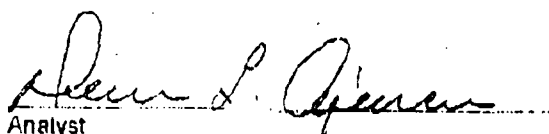
ND - Parameter not detected at the stated detection limit.

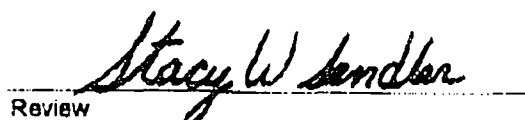
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	104%
	Bromofluorobenzene	96%

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

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

Comments: McGrath 4 bwd.


 Analyst


 Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8040
PHENOLS**

Client:	Philip Environmental	Project #:	96036
Sample ID:	102498-01	Date Reported:	10-29-98
Laboratory Number:	A713	Date Sampled:	10-24-98
Chain of Custody:	4987	Date Received:	10-24-98
Sample Matrix:	Sludge	Date Extracted:	10-25-98
Preservative:	Cool	Date Analyzed:	10-28-98
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
2,4,6-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	98%
	2,4,6-Tribromophenol	98%

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

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

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

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

Comments: McGrath 4 bwd.

David L. Apicew
Analyst

Stacy W. Bender
Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**

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

Client:	Philip Environmental	Project #:	96036
Sample ID:	102496-01	Date Reported:	10-28-96
Laboratory Number:	A713	Date Sampled:	10-24-96
Chain of Custody:	4987	Date Received:	10-24-96
Sample Matrix:	Sludge	Date Extracted:	10-25-96
Preservative:	Cool	Date Analyzed:	10-28-96
Condition:	Cool and Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	ND	0.020	5.0
Hexachloroethane	0.088	0.020	3.0
Nitrobenzene	ND	0.020	2.0
Hexachlorobutadiene	ND	0.020	0.5
2,4-Dinitrotoluene	0.087	0.020	0.13
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 Procedure, SW-846, USEPA, July 1992.
 Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
 Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1988.

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

Comments: McGrath 4 bwd.

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Philip Environmental	Project #:	98036
Sample ID:	102498-01	Date Reported:	10-29-98
Laboratory Number:	A713	Date Sampled:	10-24-98
Chain of Custody:	4987	Date Received:	10-24-98
Sample Matrix:	Sludge	Date Analyzed:	10-29-98
Preservative:	Cool	Date Extracted:	10-25-98
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (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
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

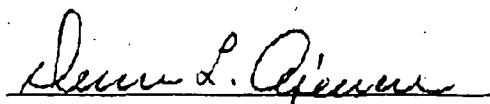
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

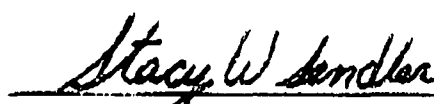
Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, July 1992.

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: McGrath 4 bwd.


Analyst


Review

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

DISTRICT II (505) 748-1283

811 S. First
Artesia, NM 88210

DISTRICT III (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

DISTRICT IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: ☒ Non-Exempt: DATE: 11-19-96Verbal Approval Received: Yes No By: Ernie Busch

4. Generator

Basin Disposal

2. Management Facility Destination

TIERRA Environmental Landfill/Procedural Mess

5. Originating Site

3. Address of Facility Operator

470 CR 3100

6. Transporter

Harvey Johnson Ent.

7. Location of Material (Street Address or ULSTR)

S-3, T-29N, 11W

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 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: TANK BOTTOMS mixed with soilRECEIVED
DEC - 5 1996OIL CON. DIV.
DIST. 3Estimated Volume 400 yd³Known Volume (to be entered by the operator at end of haul): _____ yd³SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 11-19-96TYPE OR PRINT NAME Blaine Williams TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY

Hein G.

TITLE

Geologist

DATE

12/5/96

APPROVED BY

-i n n

TITLE

Chief

DATE

12/6/96

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- 271R-11W 1/4 1/4 County SS State NM
Physical Address if appropriate: _____

Source and description of waste:

Tank Bottoms mixed with soil.

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

I TED HAMMOND representative
for BASIN DISPOSAL

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
- ☐ RCRA TCLP Analysis
- ☐ RCRA Metals Analysis
- ☐ Corrosivity, Ignitability, Reactivity

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

Signature TED HAMMOND
Printed Name TED HAMMOND
Title ASSY. MGR.
Date 11-19-96

P.O. Box 1540
Hobbs, NM 88241-1980

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

76043 ~~9887~~

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 11-11-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes No By: F. Chavez	4. Generator P.N.M.
2. Management Facility Destination Terry Environmental Co. Inc. Land Farm	5. Originating Site MANUman # 1 E
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Diamond D.
7. Location of Material (Street Address or ULSTR) S-27, T-29N, R-11W unit F SAN JUAN	8. State NM
9. Check One <input checked="" type="radio"/> 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. <input type="radio"/> 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: contaminated soils from dehydration pit

RECEIVED
NOV 13 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 900 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE Environmental Specialist DATE 11-11-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny D. Bow TITLE Geologist DATE 11/13/96
APPROVED BY [Signature] TITLE Geologist DATE 11/13/96

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-27 T-29 N R-11 W 1/4 1/4 County SAN JUAN State NM
Physical Address if appropriate: unif F.

Source and description of waste:

MANGUM I E Contaminated Soils From Dehydration
pit.

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

I GARY COOK representative
for P.N.M GAS SERVICES

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 Gary Cook
Printed Name Gary Cook
Title Environmental Tech III
Date 11-11-96

ADMINISTRATIVE (505) 334-8894
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Submit C
Plus 1 Co
to approp
District C

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 11-08-96	4. Generator
Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By:	Burlington Resources
2. Management Facility Destination	5. Originating Site
Terra Environmental Co. Inc. LANDFARM	Quinn Compressor station
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Aztec NM 87410	Philip Environmental
7. Location of Material (Street Address or ULSTR)	8. State
S-16, T-34N, R-8W San Juan County	NM
9. Check One	
<input type="checkbox"/> 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.	
<input checked="" type="checkbox"/> 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: Lube oil and Triethylene Glycol
Contaminated soils, no Free Liquid.

RECEIVED
NOV 20 1996

RECEIVED
NOV 13 1996

OIL CON. DIV.
DIST. 3

OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³ Known Volume (to be entered by the operator at end of haul): yd³

SIGNATURE [Signature] TITLE Environmental Specialist DATE 11-08-96
TYPE OR PRINT NAME Todd O. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 11/13/96
APPROVED BY [Signature] TITLE Bureau Chief DATE 11/19/96

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

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 11-08-96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No By:	4. Generator Burlington Resources
2. Management Facility Destination Tierra Environmental Co. Inc. Land Farm	5. Originating Site Quinn Compressor Station
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Philip Environmental
7. Location of Material (Street Address or ULSTR) S-16, T-34N, R-8W San Juan County	8. State NM

9. Check One

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☒ B. All requests for approval to accept non-exempt wastes must be 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: Lube oil and Triethylene Glycol
Contaminated soils, no Free Liquid.

RECEIVED

NOV 13 1996

COPY

OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 11-08-96
 TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Dennis G. Hunt TITLE Geologist DATE 11/13/96
 APPROVED BY _____ TITLE _____ DATE _____

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-16 T-3N R-8W 1/4 1/4 County San Juan State NM
Physical Address if appropriate: Quinn Compressor Station

Source and description of waste:

Lube oil and Triethylene Glycol contaminated soil
no free liquids

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

I CRAIG 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
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
☒ 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 10/18/96
(Date of Sample)

Signature Craig Bock
Printed Name CRAIG A. Bock
Title Environmental Representative
Date 11/8/96

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**SUSPECTED HAZARDOUS
& SOLID WASTE ANALYSIS**

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-21-96
Lab ID#:	A689	Date Sampled:	10-18-96
Sample Matrix:	Soil	Date Received:	10-18-96
Preservative:	Cool	Date Analyzed:	10-21-96
Condition:	Cool & Intact	Chain of Custody:	4963

Parameter	Result
-----------	--------

IGNITABILITY:	Did not ignite upon direct contact with flame.
---------------	--

CORROSIVITY:	7.34
--------------	------

REACTIVITY:	Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).
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RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
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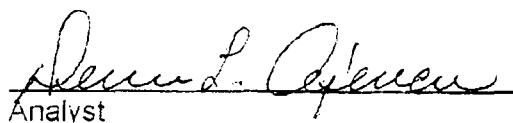
IGNITABILITY:	Sample Ignition upon direct contact with flame indicates hazardous waste status.
---------------	--

CORROSIVITY:	pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.
--------------	--

REACTIVITY:	Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.
-------------	--

Reference:	40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.
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Comments:	Quinn Compressor.
-----------	-------------------


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

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

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

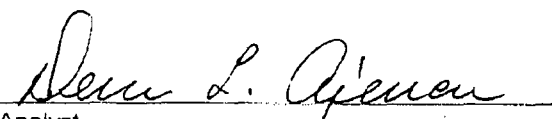
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	102%
	Bromofluorobenzene	96%

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

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

Comments: **Quinn Compressor.**


 Analyst


 Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS

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

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	95%
	2,4,6-Tribromophenol	101%

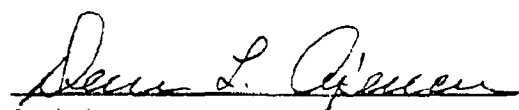
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

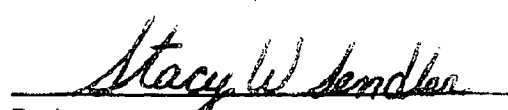
Method 3510, Separatory Funnel Liquid-Liquid Extraction, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

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

Comments: **Quinn Compressor.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
---------------------------	-----------	------------------

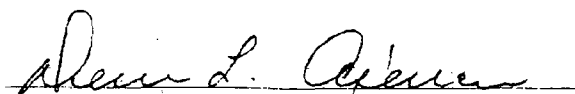
2-fluorobiphenyl

97%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

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

Comments: Quinn Compressor.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

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

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

ND - Parameter not detected at the stated detection limit.

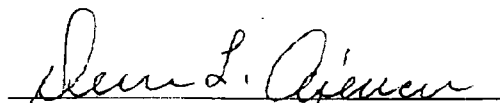
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

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

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

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

Comments: **Quinn Compressor.**


Analyst


Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report**

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

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

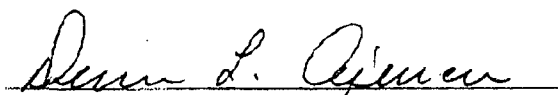
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	96%
	Bromofluorobenzene	96%

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

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

Comments: QA/QC for samples A689, A706 and A713.


 Analyst


 Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report**

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

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

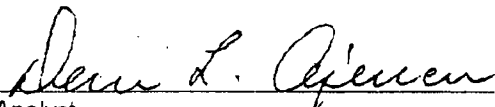
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	100%
	Bromofluorobenzene	101%

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.

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

Comments: **QA/QC for samples A689, A706 and A713.**


 Analyst


 Review

NEW MEXICO (505) 827-7131
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form
1
52
to app
District

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE 96042

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 11-08-96	4. Generator
Verbal Approval Received: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> By:	Burlington Resource
2. Management Facility Destination	5. Originating Site
Terco Environmental Co. Inc. Land Farm	Quinn Compressor Station
3. Address of Facility Operator	6. Transporter
# 420 CR 3100 Aztec NM 87410	Philip Environmental
7. Location of Material (Street Address or ULSTR)	8. State
S-16, T-37N, R-8W San Juan County	NM

9. Check One

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator, one certificate per job.
- ☒ B. All requests for approval to accept non-exempt wastes must be 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: Lube oil and Triethylene Glycol
Contaminated soils, no free liquid.

RECEIVED
NOV 20 1996

RECEIVED
NOV 13 1996

OIL CON. DIV.
DIST. 3

OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³

Known Volume (to be entered by the operator at end of haul):

SIGNATURE [Signature] TITLE Environmental Specialist DATE 11-08-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 11/13/96
APPROVED BY [Signature] TITLE Bureau Chief DATE 11/17/96

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-11 T-34 R-81 1/4 1/4 County San Juan State NM
Physical Address if appropriate: Quinn Compressor Station

Source and description of waste:

Lube oil and Triethylene Glycol contaminated soil
no free liquids

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

I CRAIG 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
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

X I further certify that there has been no change in process employed or chemicals
stored / used at the facility generating the waste since 10/18/96

(Date of Sample)

Signature Craig Bock

Printed Name CRAIG A. BOCK

Title Environmental Representative

Date 11/8/96

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW**SUSPECTED HAZARDOUS
& SOLID WASTE ANALYSIS**

Client:	Philip Environmental	Project #:	96036
Sample ID:	01	Date Reported:	10-21-96
Lab ID#:	A689	Date Sampled:	10-18-96
Sample Matrix:	Soil	Date Received:	10-18-96
Preservative:	Cool	Date Analyzed:	10-21-96
Condition:	Cool & Intact	Chain of Custody:	4963

Parameter	Result
-----------	--------

IGNITABILITY: Did not ignite upon direct contact with flame.

CORROSIVITY: 7.34

REACTIVITY: Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
-----------	---------------------------

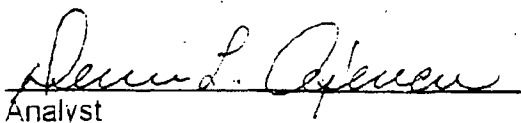
IGNITABILITY: Sample Ignition upon direct contact with flame indicates hazardous waste status.

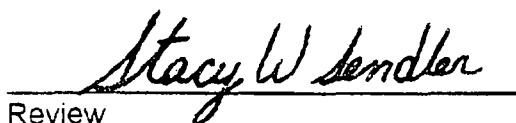
CORROSIVITY: pH less than or equal to 2.0 or pH greater than or equal to 12.5 indicates hazardous waste status.

REACTIVITY: Violent reaction with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric Acid) indicates hazardous waste status.

Reference: 40 CFR part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

Comments: Quinn Compressor.


Analyst


Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS**

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

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

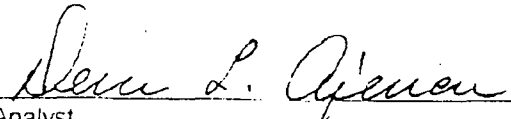
ND - Parameter not detected at the stated detection limit.

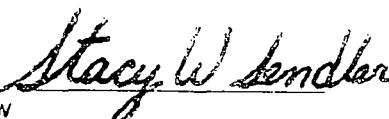
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	102%
	Bromofluorobenzene	96%

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

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

Comments: **Quinn Compressor.**


 Analyst


 Review

ENVIROTECH LABS**PRACTICAL SOLUTIONS FOR A BETTER TOMORROW****EPA METHOD 8040
PHENOLS**

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

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	95%
	2,4,6-Tribromophenol	101%

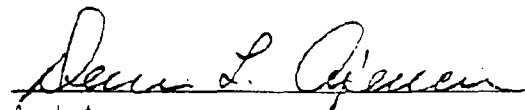
References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

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

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

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

Comments: **Quinn Compressor.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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

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

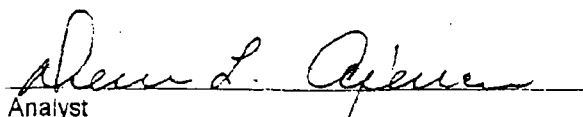
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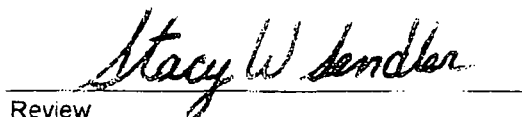
QA/QC Acceptance Criteria	Parameter	Percent Recovery
	2-fluorobiphenyl	97%

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, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

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

Comments: Quinn Compressor.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

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

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

ND - Parameter not detected at the stated detection limit.

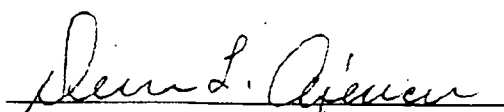
References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.

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

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

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

Comments: **Quinn Compressor.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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

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

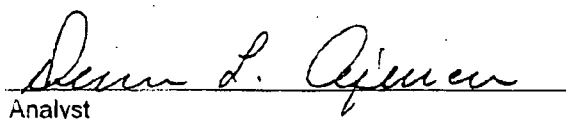
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	96%
	Bromofluorobenzene	96%

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

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

Comments: QA/QC for samples A689, A706 and A713.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

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

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

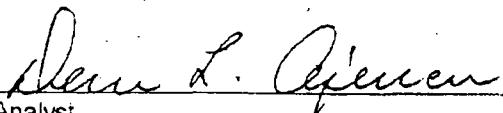
ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Trifluorotoluene	100%
	Bromofluorobenzene	101%

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.

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

Comments: QA/QC for samples A689, A706 and A713.


Analyst


Review

District I (505) 334-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

FORM C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96044 ~~96044~~

1. RCRA Exempt: ☒ Non-Exempt: ☐ DATE: 11-11-96

Verbal Approval Received: ☒ Yes ☐ No By: F. Chavez

4. Generator

P. N. M

2. Management Facility Destination

Tierra Environmental Co. INC LANDFARM

5. Originating Site

MANGUM # 4

3. Address of Facility Operator

420 CR3100 Aztec NM 87410

6. Transporter

Diamond O

7. Location of Material (Street Address or ULSTR)

S-28, T-29N, R-11W unit K SAN JUAN

8. State

NM

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-exempt wastes must be 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: contaminated soils from dewatering pit

RECEIVED
NOV 13 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 200 yd³

Known Volume (to be entered by the operator at end of haul): yd³

SIGNATURE Todd D. Nobis TITLE Environmental specialist DATE 11-11-96

TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 11/13/96

APPROVED BY [Signature] TITLE .. DATE ..

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-28T-29N R-11W 1/4 1/4 County SAN JUAN State NM
Physical Address if appropriate: unit K

Source and description of waste:

MANGUM #4 - Contaminated Soils From Denudation
Pit.

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

I GARY COOK representative
for P.N.M. GAS SERVICES

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 Mary Cook
Printed Name Gary Cook
Title Environmental Tech II
Date 11-11-96

1250001 (505) 334-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: DATE: 10-11-96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No By: Denny Faust	4. Generator Basin Disposal
2. Management Facility Destination Tierra Environmental Landfarm Facility - Crown Mesa	5. Originating Site #6 CR 5046 Alameda NM
3. Address of Facility Operator 420 CR 3100 Aztec NM 87410	6. Transporter Harvey Johnson Enterprises
7. Location of Material (Street Address or ULSTR) S-3, T-29N, R-11W San Juan County	8. State NM
9. Check One A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be 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: Coal fines from produced water operations
taken from settling tanks
And mixed with soil to make
Solid waste

RECEIVED
OCT 21 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 200 yd³

Known Volume (to be entered by the operator at end of haul): yd³

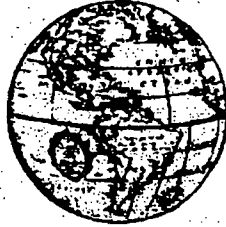
SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 10-11-96
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Faust TITLE Geologist DATE 10/28/96
APPROVED BY Frank Burch TITLE Geologist DATE 10/28/96

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- 29W R- 11W 1/4 1/4 County SJ State NM
Physical Address if appropriate: _____

Source and description of waste:

come from settling tanks mixed with soil to
make solids

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

I TED HAMMONDS representative
for Basin Disposal

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature [Signature]
Printed Name TED HAMMONDS
Title ASST. MGR.
Date 10-14-96

RECEIVED
OCT 21 1996
OIL CON. DIV.
DIST. 3

District I (505) 334-0100
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 09-26-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes No By: F. Chavez	4. Generator BASIN DISPOSAL.
2. Management Facility Destination Terra Environmental Company Inc.	5. Originating Site S-3, T-29N, R-11W - unit E9F
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Harvey Johnson Enterprises
7. Location of Material (Street Address or ULSTR) S-3, T-29N, R-11W - unit E9F, #6 CR 5046 SAN JUAN County	8. State NM
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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: Solids From wastewater Injection process, pre-mixed w/clean soil. (No Recoverable Hydrocarbons)

RECEIVED
OCT - 9 1996

OIL CON. DIV.
DIST. 2

Estimated Volume 200 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd O. Nobis TITLE Environmental Specialist DATE 09-26-96
TYPE OR PRINT NAME Todd O. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny J. Fent TITLE Geologist DATE 10/10/96
APPROVED BY Ernest Burch TITLE Geologist DATE 10/10/96

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-11W 1/4 1/4 County SAN JUAN State N.M.
Physical Address if appropriate: UNIT E 9F, #6 CR 5046, Bloomfield, N.M.

Source and description of waste:

Solids Generated from Saltwater Disposal
Operations

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

I _____ representative
for BASIN DISPOSAL

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature Don Lee
Printed Name Don Lee
Title Manager
Date 9/26/96

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

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 10-08-96	4. Generator
Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: Ernie Busch	Burlington Resources
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. Inc. Lano Farm	Jillson #1 SWD
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Aztec NM 87410	Dawn Trucking
7. Location of Material (Street Address or ULSTR)	8. State
S-3, T-24N, R-3W Rio Arriba County	NM

9. Check One

- ☒ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-exempt wastes must be 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: Sludge & sediment From SWD Facility
W/ NO Recoverable Hydrocarbons (Tank Bottoms)

RECEIVED
OCT - 9 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 120 yd³

Known Volume (to be entered by the operator at end of haul): yd³

SIGNATURE T. D. Nobis TITLE Environmental Specialist DATE 10-08-96

TYPE OR PRINT NAME T. D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Fount TITLE Geologist DATE 10/10/96

APPROVED BY Ernie Busch TITLE Geologist DATE 10/10/96

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-8 T-24/R-30 1/4 1/4 County Rio Arriba State NM
Physical Address if appropriate:

Source and description of waste:

Sludge and sediment from the Tillson SWD #1

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

I, Craig A. Berk representative
for Burlington Resources

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 Craig A. Berk

Printed Name Craig A. Berk

Title Environmental Representative

Date 10/8/96

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

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

<p>1. RCRA Exempt: <u>X</u> Non-Exempt: <u>DATE: 10-02-96</u></p> <p>Verbal Approval Received: <u>Yes</u> No By: <u>E. Busch</u></p>	<p>4. Generator <u>Burlington Resources</u></p>
<p>2. Management Facility Destination <u>Tierra Environmental Co. INC Land Farm</u></p>	<p>5. Originating Site <u>Jillson SWD #1</u></p>
<p>3. Address of Facility Operator <u>#420 CR 3100 Aztec NM 87410</u></p>	<p>6. Transporter <u>DAWN</u></p>
<p>7. Location of Material (Street Address or ULSTR) <u>S-8, T-24N, R-3W Rio Arriba County</u></p>	<p>8. State <u>NM</u></p>
<p>9. <u>Check One</u></p> <p><input checked="" type="radio"/> 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.</p> <p><input type="radio"/> 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.</p>	
<p>All transporters must certify that the wastes delivered are only those consigned for transport.</p>	

BRIEF DESCRIPTION OF THE MATERIAL: Sludge & Sediment from Tank Bottoms

RECEIVED
OCT - 8 1996

OIL CON. DIV.
DIST. 3

Different from 9/24/96

Estimated Volume 110 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd O. Webb TITLE Environmental Specialist DATE 10-02-96

TYPE OR PRINT NAME Todd O. Webb TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Dennis G. Faint TITLE Geologist DATE 10/8/96

APPROVED BY Ernie Busch TITLE Geologist DATE 10/8/96

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-B T-24N/R-3W 1/4 1/4 County Rio Arriba State N.M.
Physical Address if appropriate: _____

Source and description of waste:

Sledge and sediment from the Tillson SWD #1

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

I Craig Bock representative
for Burlington Resources

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 Craig Bock
Printed Name Craig A. Bock
Title Environmental Representative
Date 10/2/96

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: ☒ Non-Exempt: DATE: 9-24-96
Verbal Approval Received: Yes ☒ No By: Denny Feust

4. Generator

Burlington Resources

2. Management Facility Destination

TERRA Environmental LANDFARM

5. Originating Site

JULSON SWD #1 (Class II)

3. Address of Facility Operator

6. Transporter

320 CR 3100 Aztec NM 87410

7. Location of Material (Street Address or ULSTR)

8. State

S-8, T-24N, R-3W

NM

9. Check One

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- B. All requests for approval to accept non-exempt wastes must be 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: SAND & sludge mix from gravity separator at injection well

RECEIVED
SEP 26 1996

OIL CON. DIV.

Estimated Volume 80 BBLs DIST. 3

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE Environmental Specialist DATE 9-24-96
TYPE OR PRINT NAME Blaine Williams TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Feust TITLE Geologist DATE 9/26/96
APPROVED BY Ernie Burch TITLE Geologist DATE 9/26/96

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- 8 T- 24 NR- 30 1/4 1/4 County Rio Arriba State NM
Physical Address if appropriate: _____

Source and description of waste:

Sludge & sediment from the
Separation System
Tilson SWD #1 (class II)

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 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 Craig A. Bock
Printed Name Craig A. Bock
Title Environmental Representative
Date 9/24/96

RECEIVED
SEP 26 1996

OIL CON. DIV.
DIST. 3

District I (505) 334-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 09-23-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes No By: E. Bush	4. Generator Burlington Resources
2. Management Facility Destination Tierra Environmental CO. INC Landfarm	5. Originating Site McGrath SWD
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter CFI M
7. Location of Material (Street Address or ULSTR) McGrath SWD #4 S-34, T-30N, R-12W San Juan County	8. State NM
9. Check One <input checked="" type="radio"/> (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. <input type="radio"/> (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: Filtration media w/no Recoverable hydrocarbons (salt water disposal facility) and soils contaminated with same.

RECEIVED
SEP 26 1996
OIL CON. DIV.
DIST. 2

Estimated Volume 100 yds
800 BBLs

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 09-23-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Kent TITLE Geologist DATE 9/26/96
APPROVED BY Eric Bush TITLE Geologist DATE 9/26/96



TIERRA
ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

☒ In The State of New Mexico

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

Source: Filtration of incoming fluids to the McGrath SWD #4
injection well. *Contaminated soil/gravel mix*

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

I, Craig A. Bock
representative for Meridian Oil Inc.

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

Signature *C. A. Bock*

Title Environmental Representative

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

Date 9/20/96

RECEIVED
SEP 26 1996
OIL CON. DIV.
DIST. 3

PO Box 4289, Farmington, NM 87499

1. Waste Location: Lease/Well No. McGrath SWD #4
Sec. 34, Town. 30N, Range 12W

2. Volume: _____ Cubic Yards 800 Barrels _____ Gallons

3. Description of Waste: Filtered solids and oil mixed with soil.
Contaminated soil & Gravel mixture.

4. Method of Waste Generation: Filtration on incoming fluids to
the McGrath SWD #4 well.

5. Disposal Facility: Tierco

6. Disposal Cost: \$14.00
405/yd.

7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal (S. A. Bank) Date 7/20/06
(signature)

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

Date(s) Received: _____

Total Volume Received: _____

Waste Location : Cell/Grid No. _____

Received By : _____
 RECEIVED (signature)

RECEIVED
SEP 26 1996

OIL CON. DIV.
DIST. 3

District I (505) 333-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

FORM C-130
Original 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: DATE: 09-05-96 Verbal Approval Received: <u>Yes</u> No By: <u>D. Faust</u>	4. Generator <u>Basin Disposal</u>
2. Management Facility Destination <u>Terra Environmental Co. INC. LANDFARM</u>	5. Originating Site <u>#6 CR5046 BlmFld Nm</u>
3. Address of Facility Operator <u>#420 CR3100 Aztec Nm 87410</u>	6. Transporter <u>CFI</u>
7. Location of Material (Street Address or ULSTR) <u>S-3, T-29N, R-11W, SW 3rd county</u>	8. State <u>NM</u>
9. <u>Check One</u> <p><input checked="" type="radio"/> 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.</p> <p><input type="radio"/> 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.</p> <p>All transporters must certify that the wastes delivered are only those consigned for transport.</p>	

BRIEF DESCRIPTION OF THE MATERIAL:

Solids From wastewater Injection process
Pre-mixed w/ clean soils. No Recoverable Hydrocarbons

RECEIVED
SEP 10 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 400 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

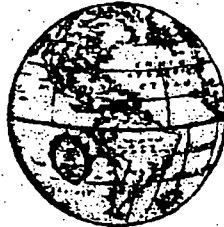
SIGNATURE Todo D. Nobis TITLE Environmental specialist DATE 09-05-96
TYPE OR PRINT NAME Todo D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Faust TITLE Geologist DATE 9/11/96
APPROVED BY Ernie Bruck TITLE Geologist DATE 9/12/96

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"

29N 11W
Originating Site: S-3 T-~~11N~~ R-~~27W~~ 1/4 County SAN JUAN State NM
Physical Address if appropriate: Rd 5046

Source and description of waste:

Solids from wastewater injection process pre-mixed
w/ clean soil, no recoverable hydrocarbons

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

I Ted Hammond representative
for Basin Disposal

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
- ☐ RCRA TCLP Analysis
- ☐ RCRA Metals Analysis
- ☐ Corrosivity, Ignitability, Reactivity

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

Signature [Signature]
Printed Name Ted Hammond
Title ASST. MGR.
Date 9-4-96

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

District II (505) 748-1283

811 S. First
Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Origin:
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

960036 96007

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 8/27/96	4. Generator
Verbal Approval Received: Yes <input checked="" type="checkbox"/> No By: D. Foust	Burlington Resources
2. Management Facility Destination	5. Originating Site
Terry Environmental Co. Inc. LAND FARM	Turner B com A #200
3. Address of Facility Operator	6. Transporter
#400 CR 3100 Aztec Nm 87410	SUNCO
7. Location of Material (Street Address or ULSTR)	8. State
Turner B com A #200 S-2 T-30-R-9 SAN JUAN.	NM
9. Check One	
<p>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.</p> <p><input checked="" type="radio"/> 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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL: unused compressor oil (see Attached MSDS) This was removed as an emergency situation Due to sheet wash across location.

RECEIVED
SEP - 9 1996

RECEIVED
AUG 28 1996

OIL CON. DIV.

OIL CON. DIV.

DIST. 3

DIST. 3

Estimated Volume 35 yd³

Known Volume (to be entered by the operator at end of haul): yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 08-27-96

TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Gerry D. Foust TITLE Geologist DATE 8/28/96

APPROVED BY Roguel Chula TITLE District Chief DATE 9/3/96

Hauled to containment due to flooding, sheet wash and mud
Notified Bill Olson 8/28/96

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

960036 96007

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 8/28/96	4. Generator
Verbal Approval Received: Yes <input checked="" type="checkbox"/> No By: D. Foust	Burlington Resources
2. Management Facility Destination	5. Originating Site
Terra Environmental Co. Inc. LAND FARM	Turner B com A #200
3. Address of Facility Operator	6. Transporter
#400 CR 3100 Aztec NM 87410	Sunco
7. Location of Material (Street Address or ULSTR)	8. State
Turner B com A #200 S-2 T-30-R-9 SAN JUAN.	NM
9. Check One	
<p>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.</p> <p><input checked="" type="radio"/> 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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL: unused compressor oil (see Attached MSDS) This was removed as an emergency situation Due to sheet wash across location.

RECEIVED
AUG 28 1996

Estimated Volume 35 yd³Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE T.D. Nelson TITLE Environmental Specialist DATE 08-27-96
 TYPE OR PRINT NAME Todd D. Nelson TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Dennis G. Foust TITLE Geologist DATE 8/28/96
 APPROVED BY _____ TITLE _____ DATE _____

Hauled to containment due to flooding, sheetwash and mud.
 Notified Bill Olson, 8/28/96

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- 2 T- 36 R- 9 W1/4 5 W1/4 SE County San Juan State New Mexico
Physical Address if appropriate: N/A

Source and description of waste:

Soil Contaminated by unused (new) motor oil.
Site: Turner Bldg. A-200 Well site.

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

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

Check appropriate line(s):

X 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 Craig A. Bock
Printed Name CRAIG A. BOCK
Title Environmental Representative
Date 8/28/96

FINA OIL & CHEMICAL COMPANY MATERIAL SAFETY DATA SHEET

PRODUCT: FINA CATCO GAS ENGINE OILS
DATE OF ISSUE: 05-04-94
SUPERCEDES: 03-11-93

PAGE 1 OF 3
MSDS NUMBER: L 09
PRODUCT CODE: 011340

SECTION 1 - IDENTIFICATION

MANUFACTURERS NAME FINA OIL AND CHEMICAL CO.	EMERGENCY TELEPHONE NUMBER (409) 962-4421
ADDRESS P.O. BOX 2159, DALLAS, TX 75221	CHEMTREC TELEPHONE NUMBER (800) 424-9300
TRADE NAME FINA CATCO GAS ENGINE OILS	CHEMICAL NAME N.A.P.
CAS REGISTRY NUMBER N.A.V.	CHEMICAL FORMULA N.A.P.
CHEMICAL FAMILY HYDROCARBON MIXTURE	DOT IDENTIFICATION NUMBER NA1270
OTHER THIS MSDS COVERS ALL FINA CATCO AND CATCO PLUS GAS ENGINE OILS, INCLUDING SAE 30, SAE 40, AND SAE 15W-40	

SECTION 2 - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT	VOL %	TLV
NONE		

SECTION 3 - PHYSICAL DATA

BOILING POINT (DEG F) N.A.V.	SPECIFIC GRAVITY (WATER=1) 0.88 - 0.90
VAPOR PRESSURE (MMHG) N.A.V.	PERCENT VOLATILE (VOL%) N.A.V.
VAPOR DENSITY (AIR=1) N.A.V.	EVAPORATION RATE N.A.V.
SOLUBILITY IN WATER NEGLECTIBLE	
APPEARANCE AND ODOR LIGHT BROWN COLOR, LUBE OIL ODOR	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 435+ DEG F (COC)	FLAMMABLE LIMITS - LOWER N.A.V.	UPPER N.A.V.
FIRE EXTINGUISHING MEDIA	FOAM, CO2, DRY CHEMICAL, HALON, WATER (FOG PATTERN)	
SPECIAL FIRE FIGHTING PROCEDURES	AVOID INHALATION OF VAPORS.	
UNUSUAL FIRE/EXPLOSION HAZARDS	COMBUSTIBLE LIQUID. DO NOT USE NEAR OPEN FLAME, ELECTRIC SPARKS OR ON HOT SURFACES.	

N.E.=NOT ESTABLISHED, N.A.P.=NOT APPLICABLE, N.A.V.=NOT AVAILABLE
T.C.=LISTED TOXIC CHEMICAL UNDER SEC. 313 OF TITLE III OF SARA 1986

FINA OIL & CHEMICAL COMPANY
MATERIAL SAFETY DATA SHEET

PRODUCT: FINA CATCO GAS ENGINE OILS

PAGE 2 OF 3

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
N.E. OIL MIST = 5 MG/M3

(ACGIH)

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION	PULMONARY IRRITATION POSSIBLE (NORMALLY MINIMAL).
SKIN CONTACT & ABSORPTION	MINIMUM HAZARD; MAY CAUSE REDDENING OF THE SKIN.
EYE CONTACT	VAPORS MAY CAUSE SLIGHT SMARTING OF THE EYES IF PRESENT IN LARGE CONCENTRATIONS.
INGESTION	MINIMAL GASTROINTESTINAL IRRITATION; INCREASED FREQUENCY OF BOWEL PASSAGE MAY OCCUR.

EMERGENCY FIRST AID PROCEDURES

INHALATION	MOVE PERSON TO FRESH AIR. IF A LARGE AMOUNT HAS BEEN INHALED, KEEP VICTIM WARM AND GET MEDICAL ATTENTION. IF VICTIM HAS STOPPED BREATHING, GIVE ARTIFICIAL RESPIRATION.
SKIN CONTACT & ABSORPTION	REMOVE AFFECTED CLOTHING. WASH WITH SOAP AND WATER
EYE CONTACT	WASH EYES WITH LARGE AMOUNTS OF WATER. IF REDNESS PERSISTS, GET MEDICAL ATTENTION.
INGESTION	DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

CHRONIC EFFECTS OF OVEREXPOSURESIGNS AND SYMPTOMS OF CHRONIC EXPOSURE RESEMBLE THOSE OF ACUTE
EXPOSURE.

PAGE 3 OF 3

CONDITIONS TO AVOID OXIDIZING MATERIALS

RECOVER FREE LIQUID. TRANSFER MATERIAL TO AN APPROVED DISPOSAL AREA IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 9 - HANDLING AND STORAGE PRECAUTIONS

LEGAL DISCLAIMER: WHILE THE INFORMATION HEREIN IS BELIEVED TO BE RELIABLE, NO GUARANTEE IS MADE AS TO ITS ACCURACY OR COMPLETENESS. THE CONDITIONS OF USE, HANDLING, STORAGE, AND DISPOSAL, AND THE SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL. CONSEQUENTLY, ALL RISKS INVOLVING THE USE OF THE PRODUCT ARE ASSUMED BY THE USER. WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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

District II (505) 748-1283

811 S. First
Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

FORM C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96033 96007

<p>1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 08-22-96</p> <p>Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Faust</p>	<p>4. Generator Conoco</p>
<p>2. Management Facility Destination Terry Environmental Company Inc Landfarm</p>	<p>5. Originating Site Conoco Plant #61 CR 4900</p>
<p>3. Address of Facility Operator #420 CR 3100 Aztec NM 87410</p>	<p>6. Transporter Riley</p>
<p>7. Location of Material (Street Address or ULSTR) #61 CR 4900 Bloomfield NM 87413</p>	<p>8. State NM</p>
<p>9. <u>Check One</u></p> <p><input checked="" type="radio"/> (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.</p> <p><input type="radio"/> (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.</p> <p>All transporters must certify that the wastes delivered are only those consigned for transport.</p>	

BRIEF DESCRIPTION OF THE MATERIAL: SCRUBBER waste From ~~Gas~~ GAS Plant
(Gas Treat 102 HAS MSDS Attached)

RECEIVED
AUG 28 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 400 BBL yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE D. Faust TITLE Environmental Specialist DATE 08-23-96
TYPE OR PRINT NAME _____ TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY <u>Denny G. Faust</u>	TITLE <u>Geologist</u>	DATE <u>8/28/96</u>
APPROVED BY <u>Ernie Burch</u>	TITLE <u>Geologist</u>	DATE <u>8/28/96</u>

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- T- R- 1/4- 1/4 County State
Physical Address if appropriate: 61 County Rd 4900, Bloomfield, NM 87413

Source and description of waste:

Gas from 102. It 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. NM

Chris Hanson (Env. Engineer) representative
for Conoco Inc. San Juan Gas Plant

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 Chris Hanson
Printed Name Chris Hanson
Title Environmental Engineer
Date 8/13/96

Post-it brand fax transmittal memo 7071		# of pages = 1	
to	LEWIS	from	Tierra (TENN)
cc	CONOCO	to	
date	632-4900	phone	334-8894
fax	632-4930	date	334-9024

627-9907

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96001

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 7/31/96	4. Generator
Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Foust	meridian
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. Inc. Landfill	McGuth SWD #4
3. Address of Facility Operator	6. Transporter
#400 CR 3100 Aztec NM 87410	CF & M
7. Location of Material (Street Address or ULSTR)	8. State
S. 34. T. 30N. R. 6W. SAN JUAN County	NM
9. Check One	
<p><input checked="" type="checkbox"/> 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.</p> <p><input type="checkbox"/> 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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL: filtered solids and oil mixed with soil (drilling mud) From SWD. with no Recoverable Hydrocarbons.

RECEIVED
AUG - 5 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 500 03150

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 07-21-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny D. Foust TITLE Geologist DATE 8/21/96
APPROVED BY Erica Bush TITLE Geologist DATE 8/21/96



TIERRA
ENVIRONMENTAL CORPORATION

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

3349024

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

☒ In The State of New Mexico

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

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

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

I, Craig A. Bock
representative for Meridian Oil Inc.

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

Signature

Title Environmental Representative

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

Date

7/20/86

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. McGrath SWD #4
Sec. 34, Town. 30N, Range 12W
2. Volume: 500 Cubic Yards Barrels Gallons
3. Description of Waste: Filtered solids and oil mixed with soil.
4. Method of Waste Generation: Filtration on incoming fluids to
the McGrath SWD #4 well.
5. Disposal Facility: Tierra
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in
40 CFR 261.4.

Approval for Disposal

C. A. Bank
(signature)

Date 9/30/98

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

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)

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

95001 96001

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 07-22-96	4. Generator
Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Foust	Meridian
2. Management Facility Destination	5. Originating Site
Terra Environmental Co. Inc.	McGrath #4 SWN
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Aztec NM 87410	CF&M
7. Location of Material (Street Address or ULSTR)	8. State
Sec-34, T-30N, R12W San Juan County	NM
9. Check One	
<input checked="" type="radio"/> 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. <input type="radio"/> 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: TANK Bottoms collected in
med pits from salt water disposal facility.RECEIVED
JUL 24 1996OIL CON. DIV.
DIST. 3

Estimated Volume

400

8015
yd³

Known Volume (to be entered by the operator at end of haul):

yd³

SIGNATURE

TODD D. NOBIS

TITLE

Environmental Specialist

DATE

07-23-96

TYPE OR PRINT NAME

Todd D. Nobis

TELEPHONE NO.

(505) 334-8894

(This space for State Use)

APPROVED BY

Denny G. Zent

TITLE

Geologist

DATE

7/24/96

APPROVED BY

Glenn R. Rasmussen

TITLE

Manager

DATE

7/24/96



TIERRA
ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

☒ In The State of New Mexico

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

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

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

I Craig A. Bock
representative for Meridian Oil Inc.

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

Signature

Title Environmental Representative

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

Date

7/17/96

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. McGrath SWD #4
Sec. 34, Town. 30N, Range 12W
2. Volume: 400 Cubic Yards Barrels Gallons
3. Description of Waste: Filtered solids and oil mixed with soil.
4. Method of Waste Generation: Filtration on incoming fluids to
the McGrath SWD #4 well.
5. Disposal Facility: Tierra
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal *C. A. Bork* Date 7/17/96
(signature)

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

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)

✓
DISTRICT I (505) 334-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

FORM C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 7-17-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes No By: Denny Faust	4. Generator PUM GAS SERVICES (Amoco)
2. Management Facility Destination TIERA ENVIRONMENTAL LANDFARM - CROUCH MESA	5. Originating Site JACQUEZ #1
3. Address of Facility Operator 420 CR 3100 AZTEC, NM 87410	6. Transporter DIAMOND D
7. Location of Material (Street Address or ULSTR) UNIT M S-25, T-30N, R 9W	8. State New Mexico
9. Check One <input checked="" type="radio"/> 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. <input type="radio"/> 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: contaminated soil from drip pit

RECEIVED
JUL 18 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 600 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 7-17-96
TYPE OR PRINT NAME BLAINE WILLIAMS TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Faust TITLE Geologist DATE 7/19/96
APPROVED BY Eric Busch TITLE Geologist DATE 7/19/96

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-25T-30N R-7W 1/4 1/4 County San Juan State N.M.
Physical Address if appropriate: _____

Source and description of waste:

Jacquez #1 Drip pit excavation of contaminated soils
from Amoco operators

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

I Ray Haston representative
for PNM Gas Services
603 W EIM
Farmington NM 87401

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 Ray Haston
Printed Name Ray Haston
Title Environmental Technician II
Date 7-17-96

RECEIVED
JUL 18 1996
OIL CON. DIV.
DIST. 3

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505

(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

95022

95007

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 07-11-96	4. Generator
Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Foust	BASIN DISPOSAL
2. Management Facility Destination	5. Originating Site
TERRY ENVIRONMENTAL CO. INC. LANDFARM	#6 CR 5046
3. Address of Facility Operator	6. Transporter
#400 CR 3100 AZTEC NM 87410	JACQUEZ
7. Location of Material (Street Address or ULSTR)	8. State
#6 CR 5046 BLMFD. S-3, T-29N, R-11W SAN JUAN	NM
9. Check One	
<p><input checked="" type="radio"/> 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.</p> <p><input type="radio"/> 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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL:

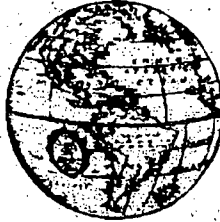
Solids from wastewater injection
process pre-mixed w/clean soilRECEIVED
JUL 16 1996OIL CON. DIV.
DIST. 3Estimated Volume 600 yd³Known Volume (to be entered by the operator at end of haul): _____ yd³SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 07-11-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Zent TITLE Geologist DATE 7/17/96
APPROVED BY Ernie Bush TITLE " DATE "

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

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

Source and description of waste:

Solids mixed with clean soil from waste water
injection process

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

I, Don Lee representative
for BASIN DISPOSAL

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

The required documentation is hereto attached.

Check appropriate line(s):

- ☐ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature Don Lee
Printed Name Don Lee
Title Manager
Date 7-11-96

RECEIVED
JUL 16 1996

OIL CON. DIV.
DIST. 3

District I (505) 334-0101
Box 1940
Albuquerque, NM 88241-1980
District II (505) 748-1283
11 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Original 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: X DATE: 07-02-96	4. Generator
Verbal Approval Received: Yes No By: C. Eustice	Cooper / Meridian
2. Management Facility Destination	5. Originating Site
Tierra Environmental Co. Inc.	Buena Vista comp. station
3. Address of Facility Operator	6. Transporter
#420 CR 3100 Aztec NM 87410	Riley
7. Location of Material (Street Address or ULSTR)	8. State
14 miles east of Aztec, Buena Vista comp. stat. SAN JUAN County	NM
9. Check One	

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

B. All requests for approval to accept non-exempt wastes must be 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:

New compressor oil (Mobil Pegasus 89) spilled on ground.

RECEIVED
JUL 15 1996

OIL CON. DIV.
DIST. 3

RECEIVED
JUL 03 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³

Known Volume (to be entered by the operator at end of haul): yd³

NATURE M.D.N. TITLE Environmental Specialist DATE 07-02-96
NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 7/3/96
APPROVED BY [Signature] TITLE GEOLOGIST DATE 7/10/96

District I (505) 333-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

FORM C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: <input checked="" type="checkbox"/> DATE: 07-02-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: C. Eustice	4. Generator Cooper / Meridian
2. Management Facility Destination Tierra Environmental Co. Inc.	5. Originating Site Buena Vista comp. Station
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Riley
7. Location of Material (Street Address or ULSTR) 14 miles east of Aztec, Buena Vista comp. Stat. SAN JUAN County	8. State NM
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. <input checked="" type="checkbox"/> 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:

New compressor oil (Mobil Pegasus 89) spilled on Ground.

RECEIVED
JUL 03 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 20 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE M. D. Nobis **TITLE** Environmental Specialist **DATE** 07-02-96
TYPE OR PRINT NAME Todd D. Nobis **TELEPHONE NO.** (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Punt **TITLE** Geologist **DATE** 7/3/96
APPROVED BY _____ **TITLE** _____ **DATE** _____

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-___ T-___ R-___ 1/4 ___ 1/4 ___ County SAN JUAN State N.M.
Physical Address if appropriate: 1/4 miles EAST OF AZTEC ON COUNTY RD
4000 (BUENA VISTA COMPRESSOR STATION)
Source and description of waste:
MOBIL oil Pegasus 89 SPILLED ON ROCKS AND DIRT
THIS OIL IS NEW AND NOT USED

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

I STEVE HENDERSON representative
for MERIDIAN OIL INC.

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:

Post-It™ brand fax transmittal memo 7871 # of pages 1	
To <u>Steve</u>	From <u>Phil</u>
Co.	Co.
Dept.	Phone # <u>334-8899</u>
Fax # <u>325-5979</u>	Fax # <u>334-9024</u>

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 [Signature]

Printed Name STEVE HENDERSON

Title SUPERVISOR MAINTENANCE SERVICES

Date 7-2-96

MOBIL

605717-00 PAGE 1 OF 7

MATERIAL SAFETY DATA BULLETIN**1. PRODUCT AND COMPANY IDENTIFICATION**

APPROVAL DATE: 09/08/94

PRODUCT NAME: MOBIL PEGASUS 89
SUPPLIER: MOBIL OIL CORP.
PRODUCTS AND TECHNOLOGY DEPT.
3225 GALLOWES RD.
FAIRFAX, VA 22037

24 - Hour Emergency (call collect): 609-737-4411
Product and MSDS Information: 800-662-4525 703-849-3265
CHEMTREC: 800-424-9300 202-483-7616

2. COMPOSITION/INFORMATION ON INGREDIENTS**INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH:**

This product is not formulated to contain ingredients which have exposure limits established by regulatory agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.
EFFECTS OF OVEREXPOSURE: No significant effects expected.
EMERGENCY RESPONSE DATA: Amber Liquid. DOT ERG No. - NA

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.
SKIN CONTACT: Wash contact areas with soap and water.
INHALATION: Not expected to be a problem.
INGESTION: Not expected to be a problem. However, if greater than 1/2 liter (pint) ingested, immediately give 1 to 2 glasses of water and call a physician, hospital emergency room or poison control center for assistance. Do not induce vomiting or give anything by mouth to an unconscious person.

Mobil

MOBIL PEGASUS 89

605717-00 PAGE 2 OF 7

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.**SPECIAL FIRE FIGHTING PROCEDURES:** Water or foam may cause frothing.

Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None. Flash Point C(F): >

249(480) (ASTM D-92). Flammable limits - LEL: NA, UEL: NA.

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide. Metal oxides. Elemental oxides.

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills as required to appropriate authorities. U. S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:** Adsorb on fire retardant treated sawdust, diatomaceous earth, etc. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.**ENVIRONMENTAL PRECAUTIONS:** Prevent spills from entering storm sewers or drains and contact with soil.**PERSONAL PRECAUTIONS:** See Section 8

7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.**STORAGE:** Do not store in open or unlabelled containers. Store away from strong oxidizing agents or combustible material.



MOBIL PEGASUS 89

605717-00 PAGE 3 OF 7

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation.

RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation.

EYE PROTECTION: Normal industrial eye protection practices should be employed.

SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed.

EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits. However, a threshold limit value of 5.00 mg/m³ is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

APPEARANCE: Liquid

COLOR: Amber

ODOR: Mild

ODOR THRESHOLD: NA

pH: 8.8

BOILING POINT C(F): 388(730)

MELTING POINT C(F): NA

FLASH POINT C(F): > 249(480) (ASTM D-92)

FLAMMABILITY: NA

AUTO FLAMMABILITY: NE

EXPLOSIVE PROPERTIES: NA

OXIDIZING PROPERTIES: NA

VAPOR PRESSURE mmHg 20 C: < 0.1

VAPOR DENSITY: > 2.0

EVAPORATION RATE: NA

RELATIVE DENSITY, 15/4 C: 0.89

SOLUBILITY IN WATER: Negligible

PARTITION COEFFICIENT: > 3.5

VISCOSITY AT 40 C, cSt: 121.5

VISCOSITY AT 100 C, cSt: 12.5

POUR POINT C(F): -26(-15)

FREEZING POINT C(F): NE

VOLATILE ORGANIC COMPOUND: EXEMPT IN U.S.

NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

Mobil

MOBIL PEGASUS 89

605717-00 PAGE 4 OF 7

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable

CONDITIONS TO AVOID: Extreme heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides.
Elemental oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less).

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3).

OTHER ACUTE TOXICITY DATA: The acute toxicological results summarized above are based on testing of representative Mobil products. Representative Mobil formulations have shown no acute effects, administered via the inhalation route, when tested at maximum attainable oil mist or vapor concentrations.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal applications to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

---CHRONIC TOXICOLOGY (SUMMARY)---

The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using the Mobil Modified Ames Test.

(Section continued next page)

Mobil

MOBIL PEGASUS 89

605717-00 PAGE 5 OF 7

---SENSITIZATION (SUMMARY)---

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

---OTHER TOXICOLOGY DATA---

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

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: Not established.

13. DISPOSAL CONSIDERATIONS

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

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

14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

Mobil

MOBIL PEGASUS 89

605717-00 PAGE 6 OF 7

15. REGULATORY INFORMATION

Governmental Inventory Status: All components comply with TSCA,
EINECS/ELINCS, and DSL.

EU Classification and Labeling: EU labeling not required.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:
This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

This product contains no chemicals reportable under
SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

CHEMICAL NAME	CAS NUMBER	LIST CITATIONS
ZINC (ELEMENTAL ANALYSIS) (0.03%)	7440-66-6	22
PHOSPHORODITHIOIC ACID, O,O-DI	68649-42-3	22
CI-14-ALKYL ESTERS, ZINC SALTS (2: 1) (ZDDP) (0.24%)		

--- REGULATORY LISTS SEARCHED ---

1 - ACGIH ALL	6 - IARC 1	11 - TSCA 4	17 - CA P65	22 - MI 293
2 - ACGIH A1	7 - IARC 2A	12 - TSCA 3a2	18 - CA RTK	23 - MN RTK
3 - ACGIH A2	8 - IARC 2B	13 - TSCA 5a	19 - FL RTK	24 - NJ RTK
4 - NTP CARC	9 - OSHA CARC	14 - TSCA 6	20 - IL RTK	25 - PA RTK
5 - NTP SUS	10 - OSHA 2	15 - TSCA 12b	21 - LA RTK	26 - RI RTK

Code key: CARC = Carcinogen; SUS = Suspected Carcinogen

Mobil

MOBIL PEGASUS 89

609717-00 PAGE 7 OF 7

16. OTHER INFORMATION

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

USE: NATURAL GAS ENGINE OIL

NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS.

See container label for ingredient information.

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

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

Prepared by: Mobil Oil Corporation
Environmental Health and Safety Department, Princeton, NJ

~~District I~~ (505) 333-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

FORM C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007
226

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 06-24-96	4. Generator
Verbal Approval Received: <u>(Yes)</u> No By: <u>D. Foust</u>	<u>Schalk Development Co.</u>
2. Management Facility Destination <u>Terra Environmental Company Inc. LANDFARM</u>	5. Originating Site <u>Schalk 54 #6</u>
3. Address of Facility Operator <u>#400 CR 3100 Aztec, Nm 87410</u>	6. Transporter
7. Location of Material (Street Address or ULSTR) <u>Schalk 54 #6 S-24, T-29N, R-5W Rio Arriba county</u>	8. State <u>New Mexico</u>
9. <u>Check One</u> <p><input checked="" type="radio"/> 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.</p> <p><input type="radio"/> 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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL: material consists of calcium chloride & salt which accumulated over time in the bottom of an evaporation tank at this site.

RECEIVED
JUL 03 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 8 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 06-24-96
TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny D. Foust TITLE Geologist DATE 7/3/96
APPROVED BY Erica Buch TITLE ✓ DATE ✓

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-24 T-29N R-5W 1/4 1/4 County Rio Arriba State NM
Physical Address if appropriate:

Source and description of waste:

SALK 54 #6 evaporation pit consisting of calcium chloride
(SALT CAI Bottoms)

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

I John A. Ahlman representative
for SALK Development Co.

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

The required documentation is hereto attached:

Check appropriate line(s):

☐ 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 John A. Ahlman II
Printed Name John A. Ahlman II
Title Office Manager
Date 6-24-96

District I (505) 333-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt <input checked="" type="checkbox"/> DATE: 06-19-96	4. Generator
Verbal Approval Received: Yes <input type="checkbox"/> (No) By:	GARY WILLIAMS Energy
2. Management Facility Destination Tie-Mat Environmental Co. Inc.	5. Originating Site Apache Station Rio Arriba S-33, T-25N, R-6W, SE 1/4
3. Address of Facility Operator #420 CR 3100 Aztec Nm 87410	6. Transporter Sunco
7. Location of Material (Street Address or ULSTR) Free TANK AT #420 CR 3100 Aztec Nm 87410	8. State NM

9. Check One

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☒ B. All requests for approval to accept non-exempt wastes must be 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: TANK Bottoms w/No Recoverable Hydrocarbons
From 10,000 BBL Storage TANK (crude oil)

RECEIVED
JUN 28 1996

RECEIVED
JUN 19 1996

OIL CON. DIV.
DIST. 3

OIL CON. DIV.
DIST. 3

Estimated Volume 350 BBLs

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE T. D. Nobis TITLE Environmental Specialist DATE 06-19-96
TYPE OR PRINT NAME TOD D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny B. Fort TITLE Geologist DATE 6/19/96
APPROVED BY [Signature] TITLE Geologist DATE 6/26/96

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

District II (505) 748-1283
811 S. First
Artesia, NM 88210

District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

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

Form C-150
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt <input checked="" type="checkbox"/> DATE: 06-19-96	4. Generator
Verbal Approval Received: Yes <input type="checkbox"/> (No) By:	CARY WILLIAMS Energy
2. Management Facility Destination Tierra Environmental Co. Inc.	5. Originating Site Apache Station Rio Arriba
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Sunco
7. Location of Material (Street Address or ULSTR) Flow TANK AT #420 CR 3100 Aztec NM 87410	8. State NM

9. Check One

- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☒ B. All requests for approval to accept non-exempt wastes must be 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: TANK Bottoms w/No Recoverable Hydrocarbons
From 10,000 BBL Storage Tank (crude oil)

RECEIVED
JUN 19 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 350 BBLs

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE Environmental Specialist DATE 06-19-96
TYPE OR PRINT NAME TODD D. NOBIS TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 6/19/96
APPROVED BY _____ TITLE _____ DATE _____

Submit 5 copies to Appropriate District Office

DISTRICT I

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

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-117 A

Revised 4-1-91

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

PERMIT NO. _____

TANK CLEANING, SEDIMENT OIL REMOVAL, TRANSPORTATION OF MISCELLANEOUS HYDROCARBONS AND DISPOSAL PERMIT

80202

Operator or Owner Gary Williams Energy Address 370 17th Suite 5300, Denver ColoradoLease or Facility Name Apache Station Rio Riba County N.M. Location Sec. 33, T-25N, R-6N SE1/4

U.L. - Sec. - Twp. - Rge.

OPERATION TO BE PERFORMED:☐ Tank Cleaning ☐ Sediment Oil Removal ☒ Transportation of Miscellaneous HydrocarbonsOperator or Owner Representative authorizing work Phillip C. Nobis - Tierra Environmental Co. Inc.Date Work to be Performed October 4, 1995**TANK CLEANING DATA** Tank Number _____ Volume _____

Tank Type _____ Volume Below Load Line _____

SEDIMENT OIL OR MISCELLANEOUS HYDROCARBON DATASediment Oil from: ☐ Pit ☐ Cellar ☒ Other Transportation facility cleaning**MISCELLANEOUS OIL**Tank Bottoms From: ☐ Pipeline Station ☐ Crude Terminal ☐ Refinery ☐ Other*Catchings From: ☐ Gasoline Plant ☐ Gathering Lines ☐ Salt Water Disposal System ☐ Other*Pipeline Break Oil or Spill ☐

*Other (Explain) _____

VOLUME AND DESTINATION:Estimated Volume 200 Bbls. Field test volume of good oil _____ Bbls.

(Not required prior to Division approval)

Destination (Name and Location of treating plant or other facility) Tierra Environmental Landfarm 420 CR 3100
Aztec, N.M. 87410**DESTRUCTION OF SEDIMENT OIL BY:**☐ Burning ☐ Pit Disposal ☐ Use on Roads or firewalls ☒ Other(Explain) LandfarmingLocation of Destruction Tierra Environmental LandfarmJustification of Destruction No recoverable oil**CERTIFICATION: (APPLICATION MAY BE MADE BY EITHER OF THE FOLLOWING)**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Owner Gary Williams EnergyTransporter SuncoBy Phillip C. Nobis Tierra Env. Co.

Address _____

Title Environmental Consultant

Signature _____

Date 10/11/95

Title _____ Date _____

OIL CONSERVATION DIVISION

Approved By _____ Title _____ Date _____

A COPY OF THIS FORM MUST BE ON LOCATION DURING TANK CLEANING, REMOVAL OF SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS, AND MUST BE PRESENTED WITH TANK BOTTOMS, SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS AT THE TREATING PLANT TO WHICH IT IS DELIVERED.

DISTRIBUTION BY OGD	
State Fe	
File	
Operator	
Transporter	



**TIERRA
ENVIRONMENTAL
COMPANY Inc.**

P.O. DRAWER 15250
FARMINGTON, NM 87401

January 18, 1996

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

RE: APACHE JUNCTION CRUDE STATION

Dear Mr. Olsen:

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

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

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

1. LACT Unit

Base of excavation:

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

2. Transfer Terminal

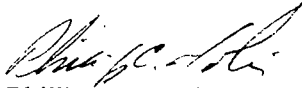
Base of test hole 24' level	139 ppm
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With regard to the tank bottoms and sludges removed from the storage tank, they were transported to the Tierra Landfarm Facility and are presently stored in a frac tank. Verbal permission was received by me via telephone from Roger Anderson (OCD) to remove the material from the location and transport it to the Tierra Landfarm for temporary secure storage pending the initial analysis. It was my opinion that the material stored in a frac tank on location was not secure. The initial TCLP analysis taken of the material at Apache Station was obtained from raw material in the tank prior to tank cleaning operations and subsequent removal. The analysis received after the material was removed from location indicated benzene level's of the material exceeded OCD standards. A TCLP

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

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

Sincerely,



Phillip C. Nobis
sident

cc: Chris Hawley GWE
D.Foust, OCD Aztec

NEW MEXICO ENERGY MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505

January 10, 1996

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

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

RE: APACHE JUNCTION CRUDE STATION

Dear Mr. Hawley:

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

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

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

Mr. Chris Hawley
January 10, 1996
Page 2

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

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Will C. Olson".

William C. Olson
Hydrogeologist
Environmental Bureau

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



CORE LABORATORIES

CORE LABORATORIES ANALYTICAL REPORT

Job Number: 952967

Prepared For:

ONSITE TECHNOLOGIES LIMITED

DAVE COX

657 W. MAPLE

FARMINGTON, NM 87401

Date: 10/18/95

Signature

Judy Orr

Date:

10/24/95

Name: Judy Orr

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

Title: QA/QC Coordinator



CORE LABORATORIES

LABORATORY TESTS RESULTS 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

CLIENT I.D.: 4-1247

DATE SAMPLED: 10/04/95

TIME SAMPLED: 13:00

WORK DESCRIPTION: TANK BOTTOM SLUDGE 8482-3523

LABORATORY I.D.: 952967-0001

DATE RECEIVED: 10/09/95

TIME RECEIVED: 10:30

REMARKS: SAMPLED BY: D.N.

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

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(512) 289-2673



CORE LABORATORIES

LABORATORY TESTS RESULTS 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

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

LABORATORY I.D.: 952967-0001
DATE RECEIVED: 10/09/95
TIME RECEIVED: 10:30
REMARKS: SAMPLED BY: D.N.

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Barium (Ba), extractable TCLP	2.42	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Cadmium (Cd), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Chromium (Cr), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Lead (Pb), extractable TCLP	0.10	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Selenium (Se), extractable TCLP	0.13	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Silver (Ag), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010	10/17/95	GCC
Flash Point, closed cup	79		Deg. Farenheit	ASTM D-93	10/16/95	EBS
Cyanide, Reactive	<5	5	mg/kg	EPA SW-846 7.3.3.2	10/11/95	DEH
Corrosivity by pH	6.9	0.1	pH units	EPA SW-846 9045 C	10/17/95	SEB
Sulfide, Reactive	739	50	mg/kg	EPA SW-846 7.3.4.2	10/11/95	DEH
Mercury (Hg), extractable, TCLP	<0.002	0.002	mg/L	EPA SW-846 7470	10/13/95	EBS
Metals Digest on Extracted Sample	Completed			EPA SW-846 3010	10/16/95	
Zero Headspace Extraction-Volatile	Completed			EPA SW-846 1311	10/11/95	GGP

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(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

ANALYSIS

DUPLICATES

REFERENCE STANDARDS

MATRIX SPIKES

ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
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PARAMETER:Sulfide, Reactive

REPORTING LIMIT/DF: 50 UNITS:mg/kg

DATE/TIME ANALYZED:10/11/95 06:30

METHOD REFERENCE :EPA SW-846 7.3.4.2

QC BATCH NUMBER:991684

TECHNICIAN:DEH

BLANK	MB 101195	Di H2O	<50			300	96			
STANDARD	LCS	508.18.17	289							
SPIKE	MS	952965-1	269							
DUPLICATE	MD	952965-1	<50	<50	NC			<50	300	90

PARAMETER:Cyanide, Reactive

REPORTING LIMIT/DF: UNITS:mg/kg

DATE/TIME ANALYZED:10/11/95 06:30

METHOD REFERENCE :EPA SW-846 7.3.3.2

QC BATCH NUMBER:991699

TECHNICIAN:DEH

BLANK	MB 101195	Di H2O	<5			1.93	102			
STANDARD	LCS	508.24.7	1.97							
SPIKE	PDS	952965-1	1.63							
DUPLICATE	MD	952965-1	<5	<5	0			<5	1.88	87

PARAMETER:Mercury (Hg), extractable, TCLP

REPORTING LIMIT/DF: 0.002 UNITS:mg/L

DATE/TIME ANALYZED:10/13/95 08:00

METHOD REFERENCE :EPA SW-846 7470

QC BATCH NUMBER:992040

TECHNICIAN:EBS

BLANK	MB	DiH2O	<0.002			0.020	90			
STANDARD	RS	367.49	0.018							
SPIKE	MS	952967-1	0.053							
DUPLICATE	MD	952967-1	<0.002	<0.002	NC			<0.002	0.050	106

PARAMETER:Flash Point, closed cup

REPORTING LIMIT/DF: UNITS:Deg. Farenheit

DATE/TIME ANALYZED:10/16/95 16:00

METHOD REFERENCE :ASTM D-93

QC BATCH NUMBER:992256

TECHNICIAN:EBS

STANDARD	RS	p-Xylene	80			81	99			
DUPLICATE	MD	952909-1	75	76	1					

PARAMETER:Corrosivity by pH

REPORTING LIMIT/DF: 0.1 UNITS:pH units

DATE/TIME ANALYZED:10/17/95 13:00

METHOD REFERENCE :EPA SW-846 90408

QC BATCH NUMBER:992271

TECHNICIAN:SEB

STANDARD	LCS 4	386.20.32	7.04			7.00	101			
DUPLICATE	MD	952965-1	7.8	7.9	1					

PARAMETER:Arsenic (As), extractable TCLP

REPORTING LIMIT/DF: 0.05 UNITS:mg/L

DATE/TIME ANALYZED:10/17/95 12:57

METHOD REFERENCE : SW-846 6010A

QC BATCH NUMBER:992294

TECHNICIAN:GCC

BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	Q0895	1.00			1.00	100			
STANDARD	CCV	1013C	5.05			5.00	101			
SPIKE	MS	953024-001	0.83							
DUPLICATE	MD	953024-001	<0.05	<0.05	NC			<0.05	1.00	83

PARAMETER:Barium (Ba), extractable TCLP

REPORTING LIMIT/DF: 0.05 UNITS:mg/L

DATE/TIME ANALYZED:10/17/95 12:57

METHOD REFERENCE : SW-846 6010A

QC BATCH NUMBER:992295

TECHNICIAN:GCC

BLANK	MB	3010	<0.05							
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CORPUS CHRISTI, TX 78408
(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER: Barium (Ba), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992295		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		

BLANK	MB	3005	<0.05							
STANDARD	ICV	70895	1.00			1.00	100			
STANDARD	CCV	1013C	5.02			5.00	100			
SPIKE	BS	952948-000	0.95					<0.05	1.00	95
DUPLICATE	MD	952991-001	0.12	0.13	0.01					

PARAMETER: Cadmium (Cd), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992296		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		

BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	00895	1.03			1.00	103			
STANDARD	CCV	1013C	5.07			5.00	101			
SPIKE	MS	953024-001	0.91					<0.05	1.00	91
DUPLICATE	MD	953024-001	<0.05	<0.05	NC					

PARAMETER: Chromium (Cr), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992297		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		

BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	00895	1.04			1.00	104			
STANDARD	CCV	1013C	5.08			5.00	102			
SPIKE	BS	952948-000	0.90					<0.05	1.00	90
DUPLICATE	MD	952991-001	<0.05	<0.05	NC					

PARAMETER: Lead (Pb), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992298		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		

BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	00895	1.06			1.00	106			
STANDARD	CCV	1013C	5.05			5.00	101			
SPIKE	MS	952948-000	0.90					<0.05	1.00	90
DUPLICATE	MD	952991-001	<0.05	<0.05	NC					

PARAMETER: Selenium (Se), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992299		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		

BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	00895	1.01			1.00	101			
STANDARD	CCV	1013C	5.00			5.00	100			
SPIKE	MS	953024-001	0.81					<0.05	1.00	81
DUPLICATE	MD	953024-001	<0.05	<0.05	NC					

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

ANALYSIS				DUPLICATES		REFERENCE STANDARDS		MATRIX SPIKES		
ANALYSIS TYPE	ANALYSIS SUB-TYPE	ANALYSIS I.D.	ANALYZED VALUE (A)	DUPLICATE VALUE (B)	RPD or (A-B)	TRUE VALUE	PERCENT RECOVERY	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY
PARAMETER: Silver (Ag), extractable TCLP				DATE/TIME ANALYZED: 10/17/95 12:57				QC BATCH NUMBER: 992300		
REPORTING LIMIT/DF: 0.05 UNITS: mg/L				METHOD REFERENCE : SW-846 6010A				TECHNICIAN: GCC		
BLANK	MB	3010	<0.05							
BLANK	MB	3005	<0.05							
STANDARD	ICV	70895	0.95			1.00	95			
STANDARD	CCV	1013C	4.74			5.00	95			
SPIKE	BS	952948-001	0.86					<0.05	1.00	86
DUPLICATE	MD	952977-001	<0.05	<0.05	NC					

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CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

TCCLP Volatiles

DATE ANALYZED: 10/17/95 TIME ANALYZED: 16:44 METHOD: EPA SW-846 8260

QC NUMBER: 992279

BLANKS

TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASURE
Vinyl chloride	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
1,1-Dichloroethene	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Methyl ethyl ketone	MB	100995	1	<50	50	ug/L
	MB	100995	1	<50	50	ug/L
Chloroform	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Carbon tetrachloride	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
1,2-Dichloroethane	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Benzene	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Trichloroethene	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Tetrachloroethene	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L
Chlorobenzene	MB	100995	1	<5	5	ug/L
	MB	100995	1	<5	5	ug/L

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CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

TCLP Volatiles

DATE ANALYZED: 10/17/95 TIME ANALYZED: 16:44 METHOD: EPA SW-846 8260

QC NUMBER: 992279

REFERENCE STANDARDS

TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	TRUE VALUE	PERCENT RECOVERY	DETECTION LIMITS	UNITS OF MEASURE
Vinyl chloride	CC	342.94.1	1	103	100	103	5	ug/L
1,1-Dichloroethene	CC	342.94.1	1	124	100	124	5	ug/L
Methyl ethyl ketone	CC	342.94.1	1	112	100	112	50	ug/L
Chloroform	CC	342.94.1	1	110	100	110	5	ug/L
Carbon tetrachloride	CC	342.94.1	1	122	100	122	5	ug/L
1,2-Dichloroethane	CC	342.94.1	1	129	100	129	5	ug/L
Benzene	CC	342.94.1	1	110	100	110	5	ug/L
Trichloroethene	CC	342.94.1	1	114	100	114	5	ug/L
Tetrachloroethene	CC	342.94.1	1	119	100	119	5	ug/L
Chlorobenzene	CC	342.94.1	1	114	100	114	5	ug/L
Dibromofluoromethane(Surrogate)	CC	342.94.1	1	47	50	94	5	ug/L
Toluene d-8 (Surrogate)	CC	342.94.1	1	51	50	102	5	ug/L
4-Bromofluorobenzene(Surrogate)	CC	342.94.1	1	52	50	104	5	ug/L

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CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

TCLP Volatiles

DATE ANALYZED: 10/17/95 TIME ANALYZED: 16:44 METHOD: EPA SW-846 8260

QC NUMBER: 992279

MATRIX SPIKES

TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY	DETECTION LIMITS	UNITS OF MEASURE
Vinyl chloride	MS	952965-1	1	930	0	1000	93	5	ug/L
	MSD	952965-1	1	950	0	1000	95	5	ug/L
1,1-Dichloroethene	MS	952965-1	1	1110	0	1000	111	5	ug/L
	MSD	952965-1	1	1160	0	1000	116	5	ug/L
Methyl ethyl ketone	MS	952965-1	1	1100	0	1000	110	50	ug/L
	MSD	952965-1	1	1070	0	1000	107	50	ug/L
Chloroform	MS	952965-1	1	1040	0	1000	104	5	ug/L
	MSD	952965-1	1	1080	0	1000	108	5	ug/L
Carbon tetrachloride	MS	952965-1	1	1110	0	1000	111	5	ug/L
	MSD	952965-1	1	1120	0	1000	112	5	ug/L
1,2-Dichloroethane	MS	952965-1	1	1280	0	1000	128	5	ug/L
	MSD	952965-1	1	1270	0	1000	127	5	ug/L
Benzene	MS	952965-1	1	970	0	1000	97	5	ug/L
	MSD	952965-1	1	1000	0	1000	100	5	ug/L
Trichloroethene	MS	952965-1	1	990	0	1000	99	5	ug/L
	MSD	952965-1	1	1000	0	1000	100	5	ug/L
Tetrachloroethene	MS	952965-1	1	950	0	1000	95	5	ug/L
	MSD	952965-1	1	980	0	1000	98	5	ug/L
Chlorobenzene	MS	952965-1	1	940	0	1000	94	5	ug/L
	MSD	952965-1	1	960	0	1000	96	5	ug/L
Dibromofluoromethane(Surrogate)	MB	100995-00	1	510	0	500	102	5	ug/L
	MB	100995-00	1	520	0	500	104	5	ug/L
Toluene d-8 (Surrogate)	MB	100995-00	1	500	0	500	100	5	ug/L
	MB	100995-00	1	500	0	500	100	5	ug/L
4-Bromofluorobenzene(Surrogate)	MB	100995-00	1	480	0	500	96	5	ug/L
	MB	100995-00	1	470	0	500	94	5	ug/L

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

TCCLP SEMIVOLATILES

DATE ANALYZED: 10/18/95 TIME ANALYZED: 10:23 METHOD: EPA SW-846 8270

QC NUMBER: 992293

B L A N K S

TEST DESCRIPTION	ANALY SUB-TYPE	ANALYSIS I.D.	DILUTION FACTOR	ANALYZED VALUE	DETECTION LIMIT	UNITS OF MEASURE
1,4-Dichlorobenzene	MB	101495	1	<10	10	ug/L
2,4-Dinitrotoluene	MB	101495	1	<10	10	ug/L
Hexachlorobenzene	MB	101495	1	<10	10	ug/L
Hexachlorobutadiene	MB	101495	1	<10	10	ug/L
Hexachloroethane	MB	101495	1	<10	10	ug/L
Nitrobenzene	MB	101495	1	<10	10	ug/L
Pentachlorophenol	MB	101495	1	<50	50	ug/L
2,4,5-Trichlorophenol	MB	101495	1	<10	10	ug/L
2,4,6-Trichlorophenol	MB	101495	1	<10	10	ug/L
Pyridine	MB	101495	1	<10	10	ug/L
Cresols (Total)	MB	101495	1	<30	30	ug/L

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE REPORT 10/18/95

JOB NUMBER: 952967

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

TCCLP SEMIVOLATILES

DATE ANALYZED: 10/18/95 TIME ANALYZED: 10:23 METHOD: EPA SW-846 8270

QC NUMBER: 992293

MATRIX SPIKES

TEST DESCRIPTION	ANALYSIS SUB-TYPE	ANALYSIS I. D.	DILUTION FACTOR	ANALYZED VALUE	ORIGINAL VALUE	SPIKE ADDED	PERCENT RECOVERY	DETECTION LIMITS	UNITS OF MEASURE
1,4-Dichlorobenzene	BS	101495-00	1	180	0	250	72	10	ug/L
2,4-Dinitrotoluene	BS	101495-00	1	150	0	250	60	10	ug/L
Hexachlorobenzene	BS	101495-00	1	220	0	250	88	10	ug/L
Hexachlorobutadiene	BS	101495-00	1	180	0	250	72	10	ug/L
Hexachloroethane	BS	101495-00	1	170	0	250	68	10	ug/L
Nitrobenzene	BS	101495-00	1	180	0	250	72	10	ug/L
Pentachlorophenol	BS	101495-00	1	470	0	750	63	50	ug/L
2,4,5-Trichlorophenol	BS	101495-00	1	540	0	750	72	10	ug/L
2,4,6-Trichlorophenol	BS	101495-00	1	200	0	250	80	10	ug/L
Pyridine	BS	101495-00	1	190	0	500	38	10	ug/L
Cresols (Total)	BS	101495-00	1	520	0	750	69	30	ug/L

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673



CORE LABORATORIES

QUALITY ASSURANCE FOOTER

Cited Methods are obtained from the following documents :

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

Quality control acceptance criteria are method dependent.

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

Sample IDs with a "-00" at the end indicate a blank spike or blank spike duplicate associated with the numbered sample.

NC = Not Calculated due to value at or below detection limit.

NOTE: Data in QA report may differ from final results due to digestion and/or dilution of sample into analytical range.

The "TIME ANALYZED" in the QA report refers to the start time of the analytical batch which may not reflect the actual time of each analysis. The "DATE ANALYZED" is the actual date of analysis.

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

SUB CONTRACTED LABORATORY LOCATIONS

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

Core Laboratories :

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

QUALITY ASSURANCE REPORT CODES

BLANKS*

MB = Method Blank
RB = Reagent Blank
SB = Storage Blank
ICB = Initial Calib. Blank
CCB = Continuing Calib. Blank

REFERENCE STANDARDS

RS = Reference Standard
CC = Continuing Calib.
LCS = Laboratory Control Std.
ICV = Initial Calib. Verification
CCV = Cont. Calib. Verification

SPIKES AND DUPLICATES

MS = Matrix Spike, BS = Blank Spike
SS = Surrogate Spike, MD = Matrix Dup.
PDS = Post Digested Spike
MSD = Matrix Spike Duplicate
PDD = Post Digested Duplicate

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

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673



3524

Page 1 of 1[illegible]

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> <u>Frank Chave 2</u> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: <u>DENNY FOUST</u> (Submitting this form for oilfield exempt waste is optional) DATE: <u>06-07-96</u>	4. Generator <u>Meridian</u>
2. Destination <u>Tierra Environmental Co., Inc. Crouch Mesa Landfarm</u>	5. Name of Originating Site <u>McGrath #4 (SWD)</u>
3. Address of Facility Operator <u>420 CR. 3100 AZTEC, NM 87410</u>	6. Name of Transporter <u>CF & M</u>
7. Originating Location of Material (Street Address or ULSTR) <u>McGrath #4 SWD S-34 T-30N R-12W, SAN JUAN County</u>	8. State <u>NM</u>
9. <u>Check One</u> <input checked="" type="checkbox"/> 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. <input type="checkbox"/> B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job. <input type="checkbox"/> C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for transportation: <u>06-10-96</u>	

BRIEF DESCRIPTION OF THE MATERIAL: Filtration media w/No Recoverable Hydrocarbons (Salt water Disposal Facility)

RECEIVED
JUN 18 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 400 BBL'S ~~yd³~~ Known Volume (to be entered by the operator at end of haul): _____ yd³
 I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Todd D. Nobis TITLE Environmental Specialist DATE 06-07-96
 TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Foust TITLE Geologist DATE June 19, 1996
 APPROVED BY Ernie Buech TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



TIERRA
ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

☒ In The State of New Mexico

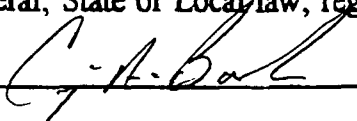
 From the State of . Letter from the Regulatory
Agency having jurisdiction therefore is attached.

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

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

I Craig A. Bock
representative for Meridian Oil Inc.

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

Signature 

Title Environmental Representative

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

Date 6/10/96

Exempt Waste Manifest

Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. McGrath SWD #4
Sec. 34, Town. 30N, Range 12W
2. Volume: _____ Cubic Yards 250 Barrels _____ Gallons
3. Description of Waste: Filtered solids and oil mixed with soil.
4. Method of Waste Generation: Filtration on incoming fluids to
the McGrath SWD #4 well.
5. Disposal Facility: Tierra
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Bal
(signature)

Date 6/10/96

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

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)

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: DENNY FOUST <small>(Submitting this form for oilfield exempt waste is optional) DATE: 06-17-96</small>	4. Generator <i>EI PASO Field service</i>
2. Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Name of Originating Site <i>Lateral SA-2</i>
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Name of Transporter <i>SCAT</i>
7. Originating Location of Material (Street Address or ULSTR) <i>Lateral SA-2 Sec-1, T-29N, R-14W SAN JUAN county</i>	8. State <i>NM</i>
9. <u>Check One</u> <div style="margin-left: 20px;"> <input checked="" type="checkbox"/> 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. <input type="checkbox"/> B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job. <input type="checkbox"/> C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. </div> <p>All transporters must certify that the wastes delivered are only those consigned for transport.</p> <p>Projected Date(s) for transportation: <u>06-18-96</u></p>	

BRIEF DESCRIPTION OF THE MATERIAL: *Sludge From the Bottom of 100 BBL Drip TANK w/NO Recoverable Hydro carbons*

RECEIVED

JUN 18 1996

OIL CON. DIV.

DIST. 3

Estimated Volume 3 8845 ~~yd~~ Known Volume (to be entered by the operator at end of haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *T.D.N.* TITLE *Environmental Specialist* DATE *06-17-96*

TYPE OR PRINT NAME *Todd D. Nobis* TELEPHONE NO. *(505) 334-8894*

(This space for State Use)

APPROVED BY *Denny Foust* TITLE *Geologist* DATE *June 19, 1996*

APPROVED BY *Ernie B...* TITLE *u* DATE *u*

CONDITIONS OF APPROVAL, IF ANY:



TIERRA ENVIRONMENTAL CORPORATION

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

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

LATERAL SA-2, 100 BBL DRIP TANK
(SEC 1 T 29N R. 14W)

This material originated:

X In The State of New Mexico

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

Source: SLUDGE FROM BOTTOM OF DRIP TANK WHICH COLLECTS
PIPELINE LIQUIDS.

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

I, SANDER D. MILLER
representative for EL PASO FIELD SERVICES

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

Signature Sander D. Miller

Title SUPERINTENDENT, OPERATIONS COMPLIANCE

Address PO BOX 4990, FARMINGTON, NM 87499

Date 6/13/96

P.O. Box 1940
Hobbs, NM 88241-1980DISTRICT II (505) 748-1283
811 S. First
Artesia, NM 88210DISTRICT III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

DISTRICT IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96001

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 06-06-96 Verbal Approval Received: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No By: D. Foust	4. Generator Meridian
2. Management Facility Destination Tierra Environmental Co. INC.	5. Originating Site McGrath SWD #4
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter CFEM
7. Location of Material (Street Address or ULSTR) McGrath SWD #4 Sec 34, T-30N, R-12W SAN JUAN county	8. State NM
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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: Filtered solids and oil mixed with soil

RECEIVED
JUN 18 1996OIL CON. DIV.
DIST. 3Estimated Volume 400 BBLS yd³Known Volume (to be entered by the operator at end of haul): _____ yd³SIGNATURE T.D. Nobis TITLE Environmental Specialist DATE 06-13-96TYPE OR PRINT NAME Todd D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

 APPROVED BY Denny Foust TITLE Geologist DATE June 19, 1996
 APPROVED BY Eric Bush TITLE ✓ DATE _____



TIERRA
ENVIRONMENTAL CORPORATION

CORPORATE OFFICE
P. O. Drawer 15250
Farmington, NM 87401

(505) 325-0924

334-8894

Fax 334-9024

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

☒ In The State of New Mexico

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

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

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

I Craig A. Bock
representative for Meridian Oil Inc.

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

Signature Craig A. Bock

Title Environmental Representative

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

Date 6/10/96

PO Box 4289, Farmington, NM 87499

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: ^{FRANK CHAVEZ} DENNY FOUST (Submitting this form for oilfield exempt waste is optional) DATE: 06-04-96	4. Generator Red Willow Production Co
2. Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Name of Originating Site Southern Ute Walker S-10 WDW
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Name of Transporter EFM Trucking
7. Originating Location of Material (Street Address or ULSTR) Sec 10 - T 32 N - R 11 W	8. State CO.
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job. <input type="checkbox"/> C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for transportation: 6-5 - 6-6-96	

BRIEF DESCRIPTION OF THE MATERIAL:

PRODUCED WATER AND PARAFFIN MIXED WITH SOIL FROM A WATER INJECTION HOLDING TANK.

RECEIVED
JUN 14 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 70 yd³ Known Volume (to be entered by the operator at end of haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 6-4-96

TYPE OR PRINT NAME Blaine Williams TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 6/17/96

APPROVED BY Ernie Burch TITLE _____ DATE 6/1/96

CONDITIONS OF APPROVAL, IF ANY:

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-10 T-32NR-11W 1/4 1/4 County LA Plam State Co.

Physical Address if appropriate: N/A

Source and description of waste:

SOIL CONTAMINATED WITH PLEASURE WATER AND PARAFFIN
from Holding tank at water disposal

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

I ROBERT JEFFERSON representative
for RED WILLOW PRODUCTION CO.

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

The required documentation is hereto attached:

Check appropriate line(s):

☐ MSDS Information sheet

☐ RCRA TCLP Analysis

☐ RCRA Metals Analysis

☐ Corrosivity, Ignitability, Reactivity

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

Signature

Printed Name

Title

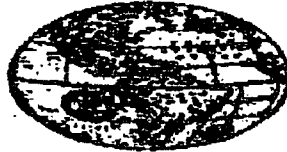
Date

ROBERT JEFFERSON

OPERATIONS MANAGER

June 4, 1996

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410P.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 reviewed the enclosed information concerning RCRA exempt material generated at;

Location: WAIKIA 5-10 WDW SEC 10 - T3EN-RILW

by;

Generator: Red Willow Production Company

As a representative of;

Regulatory

Agency: Bureau of Land Management

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

Name: Terry HallowayTitle: Acting Staff Chief Petroleum Engineering TechSignature: Terry HallowayDate: 4 June 96Phone: 970-247-4874 Fax: 970-385-1375

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Submit Original

Plus 1 Copy

to appropriate

District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: Non-Exempt: DATE: 5-17-96

Verbal Approval Received: (Yes) No By: DENNY FOUST

4. Generator

REA WILLOW PRODUCTION CO.

2. Management Facility Destination

TIERRA ENVIRONMENTAL CO. INC. CROUCH MESA LANDFILL

5. Originating Site

4-1 WWD

3. Address of Facility Operator

420 CR 3100 AZTEC, N.M. 87410

6. Transporter

HOCKER CONSTRUCTION

7. Location of Material (Street Address or ULSTR)

S-1, T-33N, R-10W

8. State

COLORADO

9. Check One

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

B. All requests for approval to accept non-exempt wastes must be 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: PRODUCED WATER AND PARAFFIN MIXED WITH SOIL

RECEIVED
MAY 30 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 50 yd³

Known Volume (to be entered by the operator at end of haul) yd³

SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 5-17-96

TYPE OR PRINT NAME BLAINE WILLIAMS TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 5/31/96

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- 1 T- 33NR-10 W 1/4 1/4 County La Plata State Colo
Physical Address if appropriate: N/A

Source and description of waste:

OVER FLOW OF PRODUCED WATER AND PARTIAL FROM
holding TANK AT DISPOSAL WELL

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

I ROBERT JEFFERSON representative
for RED WILLOW PRODUCTION CO.

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature

Printed Name

Title

Date

Robert Jefferson

ROBERT JEFFERSON

OPERATIONS MANAGER

MAY 13, 1996

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MAY 30 1996
OIL CON. DIV.
DIST. 3

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

960219602

1. RCRA <u>Exempt</u> : Non-Exempt: DATE: 05-10-96 Verbal Approval Received: <u>Yes</u> No By: D. Foust	4. Generator Fuelco
2. Management Facility Destination Tierra Environmental Co. Inc. LANDFARM	5. Originating Site CLARK 4-1
3. Address of Facility Operator #420 CR 3100 Aztec NM 87410	6. Transporter Dawn Trucking
7. Location of Material (Street Address or ULSTR) S-4, T-33N, R-11W, NE 1/4, SE 1/4 LAPATA CO.	8. State NM CO
9. Check One <p>(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.</p> <p>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.</p>	
All transporters must certify that the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF THE MATERIAL: production TANK Bottom Solids.

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MAY 14 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 10 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE Environmental Specialist DATE 05-10-96

TYPE OR PRINT NAME _____ TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 5/17/96
APPROVED BY [Signature] TITLE C. DATE 2

05/10/96 08:28

505 334 9024

TIERRA ENVIRON

001

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410P.O. DRAWER 15250
FARMINGTON, NEW MEXICO 87401-5250

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-4 T-334R-1111 1/4 NE 1/4 SE County La Plata State CO
Physical Address if appropriate: CLARK 4-1

Source and description of waste:

Solids from production - TANK BOTTOMS

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

X I Russell Knight representative
for Fuel Resources Development Co.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):

N/A {
☐ 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 Russell Knight
Printed Name Russell Knight
Title Contract Field Supervisor
Date 5-10-96

May 10, 1996

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

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

Dear Mr. Nobis:

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

Sincerely,



Loren E. Avis
Environmental Protection Specialist
COGCC



DEPARTMENT OF NATURAL RESOURCES

Roy Romer, Governor

1120 Lincoln St., Suite 801

Denver, CO 80203

Phone: (303) 894-2100

FAX: (303) 894-2109

RECEIVED
MAY 16 1996

OIL CON. DIV.
DIST. 3

May 10, 1996

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

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

Dear Mr. Nobis:

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

Sincerely,

Loren E. Avis
Environmental Protection Specialist
COGCC

cc Frank Chavez NMOCD

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: <u>FRANK CHAVEZ</u> <small>(Submitting this form for oilfield exempt waste is optional)</small> DATE: _____		Generator <u>MERIDIAN OIL Co.</u>
2. Destination <u>Tierra Environmental Co., Inc. Crouch Mesa Landfarm</u>		5. Name of Originating Site <u>McGrath #4</u>
3. Address of Facility Operator <u>420 CR. 3100 AZTEC, NM 87410</u>		6. Name of Transporter <u>CF3M</u>
7. Originating Location of Material (Street Address or ULSTR) <u>S-34, T-30N R-12W</u>		8. State <u>NEW MEXICO</u>
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job. <input type="checkbox"/> C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved. All transporters must certify that the wastes delivered are only those consigned for transport. Projected Date(s) for transportation: <u>April 22, 1996</u>		

BRIEF DESCRIPTION OF THE MATERIAL:

TANK bottoms collected in mud pits from
SALT WATER DISPOSAL

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APR 26 1996
OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³ Known Volume (to be entered by the operator at end of haul): _____ yd³
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Blaine Williams TITLE Environmental Specialist DATE 4-22-96

TYPE OR PRINT NAME Blaine Williams TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 4/26/96

APPROVED BY Spencer Bush TITLE u DATE 4/30/96

CONDITIONS OF APPROVAL, IF ANY:

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:

Waste is separated oily sludges from incoming fluids.
All fluids being injected @ McGrath SWD #4 are exempt.

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

I, CRAIG BOCK representative
for Meridian Oil Inc.

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 C. A. Bock
Printed Name CRAIG A. BOCK
Title Environmental Representative
Date 4/22/96

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APR 26 1996
OIL CON. DIV.
DIST. 3

125

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 Yards _____ Barrels _____ Gallons
 3. Description of Waste: Separated Sludges from incoming fluids.
 4. Method of Waste Generation: Solids & oils are separated from incoming fluids & stored in this tank
 5. Disposal Facility: Tierra
 6. Disposal Cost: \$16 / BBL
 7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.
- Approval for Disposal G. A. Boh Date 4/22/96
(signature)

MOI
Representative

Transportation Company: _____
Date(s) Transported: _____
MOI Representative on Site _____ Date _____
(signature)

Disposal Facility
Complete and
return to
Meridian
Safety and
Environmental
with invoice.

Date(s) Received: April 22, 1996
Total Volume Received: 560 BBLs
Waste Location : Cell/Grid No. Tierra Landfarm Facility CELL #2
Received By : B. Quine Williams
(signature)

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

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**96007**

1. <u>RCRA Exempt:</u> Verbal Approval Received: <u>(Yes)</u> No By: <u>D. Foust</u>	Non-Exempt: DATE: <u>04-30-96</u>	4. Generator <u>Bayless</u>
2. Management Facility Destination <u>Tierra Environmental CO. INC LANDFARM</u>		5. Originating Site <u>North Ridge # 2</u>
3. Address of Facility Operator <u>#420 CR 3100 Aztec NM</u>		6. Transporter <u>SCAT</u>
7. Location of Material (Street Address or ULSTR) <u>S-3 T-29 R-13 1/4 SW 1/4 NW SAN JUAN.</u>		8. State <u>NM</u>
9. <u>Check One</u> <p><input checked="" type="checkbox"/> 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.</p> <p><input type="checkbox"/> 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.</p> <p>All transporters must certify that the wastes delivered are only those consigned for transport.</p>		

BRIEF DESCRIPTION OF THE MATERIAL: 2 BBLs of free sand from well blowers
(solid)

RECEIVED
MAY - 3 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 2 BBLs ☒Known Volume (to be entered by the operator at end of haul): 2 BBLs ☒

SIGNATURE T.D.N. TITLE Environmental Specialist DATE 04-30-96
TYPE OR PRINT NAME Todd D. Nobis (Terra) TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 5/6/96
APPROVED BY Frank Burch TITLE DATE

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-3 T-29 R-13 114 SW 114 NW County SAN JUAN State NEW MEXICO

Physical Address if appropriate: NORTHEIDGE #2 GAS WELL

Source and description of waste:

FRAC SAND FROM WATER TANK BOTTOM ASSOCIATED
WITH A GAS WELL

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

I TOM MCCARTHY representative
for ROBERT L. BAYLESS

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 TOM MCCARTHY
Printed Name TOM MCCARTHY
Title PETROLEUM ENGINEER
Date 4/30/96

Post-It™ brand fax transmittal memo 7671		# of pages • /
To <u>TOM MCCARTHY</u>	From <u>Phil</u>	
Co. _____	Co. <u>TIERRA</u>	
Dept. _____	Phone # <u>334-8894</u>	
Fax # <u>326-6911</u>	Fax # <u>334-9024</u>	

N/A

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: ☒ Non-Exempt: DATE: 05-02-96Verbal Approval Received: ☒ Yes No By: D. Foust

4. Generator

BASIN DISPOSAL

2. Management Facility Destination

Tierra Environmental CO. INC LAMPAIR #420 CR 3100

5. Originating Site

#6 CR 5046

3. Address of Facility Operator

#420 CR 3100

6. Transporter

CFM

7. Location of Material (Street Address or ULSTR)

#6 CR 5046 Bloomfield S-3 T-29N- R11W SAN JUAN

8. State

NM

9. Check One

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

B. All requests for approval to accept non-exempt wastes must be 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:

Solids from waste water injection process pre-mixed w/ clean
Soil.

RECEIVED
MAY - 3 1996

OIL CON. DIV.
DIST. 3

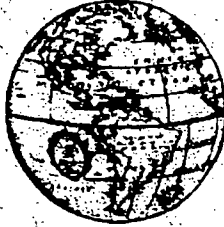
Estimated Volume 400 yd³Known Volume (to be entered by the operator at end of haul): _____ yd³SIGNATURE Todd O. Nobis TITLE ENV. Specialist DATE 05-02-96TYPE OR PRINT NAME Todd O. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 5/6/96APPROVED BY Ernie Bush TITLE u DATE u

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S- 3 T-29N R-11W 1/4 1/4 County SAN JUAN State N.M.
Physical Address if appropriate: unit E F #6 CR 5046 Blmld N.M.

Source and description of waste:

solids premixed with clean soil From waste water injection
process

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

I Don Lee representative
for BASIN DISPOSAL

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

The required documentation is hereto attached:

Check appropriate line(s):

- ☐ MSDS Information sheet
☐ RCRA TCLP Analysis
☐ RCRA Metals Analysis
☐ Corrosivity, Ignitability, Reactivity

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

Signature Don Lee
Printed Name DON LEE
Title Manager
Date 5-2-96

RECEIVED
MAY - 3 1996

OIL CON. DIV.
PAGE 3

N/A

District I (505) 333-0101
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-130
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96019 96087

1. RCRA Exempt: <input checked="" type="radio"/> Non-Exempt: <input type="radio"/> DATE: 05-06-96 Verbal Approval Received: <input checked="" type="radio"/> Yes <input type="radio"/> No By: D. Faust	4. Generator Sunco
2. Management Facility Destination Tierra environmental co. INC LANDFARM	5. Originating Site Sunco Disposal
3. Address of Facility Operator #420 CR 3100 Aztec NM.	6. Transporter Sunco
7. Location of Material (Street Address or ULSTR) SAN JUAN county 345 RD 3500 S-2, T-29N, R12-W, 1/4 SW, 1/4 NW	8. State NM
9. <u>Check One</u> <input checked="" type="radio"/> 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. <input type="radio"/> 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:

Pond sludge, sediment From disposal Pond.

RECEIVED
MAY - 7 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 1000 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

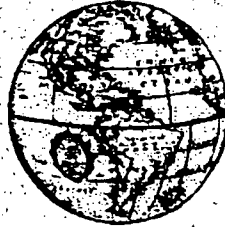
SIGNATURE W.D.N. TITLE Environmental Specialist DATE 05-06-96
TYPE OR PRINT NAME TOO D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Fent TITLE Geologist DATE 5/8/96
APPROVED BY Eric Buel TITLE ... DATE ...

TIERRA ENVIRONMENTAL COMPANY Inc.

420 COUNTY ROAD 3100
AZTEC, NEW MEXICO 87410



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

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

"CERTIFICATE OF WASTE STATUS"

Originating Site: S-2 T-24-NR-^{12-W}~~95~~ 1/4 SW 1/4 NW County SAN JUAN State N.M.
Physical Address if appropriate: SUNCO DISPOSAL CROUCH MESA

Source and description of waste:

POND SLUDGE, SEDIMENT FROM POND WATER

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

I MICHAEL TALOVICH representative
for SUNCO DISPOSAL

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):

- W/A ☐ 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 Michael Talovich
Printed Name MICHAEL TALOVICH
Title DISPOSAL MANAGER
Date 5-6-96

District I (505) 393-6161

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

District II (505) 748-1283

811 S. First
Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road
Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96007

1. RCRA Exempt: ☒ Non-Exempt: ☐ DATE: 02/16/96
Verbal Approval Received: Yes ☒ No ☐ By: DENNY FOUST

4. Generator
EL PASO FIELD SERVICES

2. Management Facility Destination
Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Originating Site
LAT 11A-6

3. Address of Facility Operator
420 CR. 3100 AZTEC, NM 87410

6. Transporter
EL PASO

7. Location of Material (Street Address or ULSTR)
NE/NE SEC 14 - T30N - R12W

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 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:

**CONTAMINATED SOIL AS RESULT OF A LEAKING
VALVE ON END OF BLOW LINE**

RECEIVED
FEB 27 1996
OIL CON. DIV.
DIST. 3

Estimated Volume **20 - 30** yd³

Known Volume (to be entered by the operator at end of haul): **5** yd³

SIGNATURE *Larry F. Hunter* TITLE **OPERATIONS MGR.** DATE **02/26/96**

TYPE OR PRINT NAME **LARRY F. HUNTER** TELEPHONE NO. **(505) 334-8894**

(This space for State Use)

APPROVED BY *Denny Foust* TITLE *Geologist* DATE *2/27/96*

APPROVED BY *Chris Bush* TITLE DATE



TIERRA ENVIRONMENTAL CORPORATION

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

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

Lat. 11A-6 NE/NE SEC. 14 T. 30 R. 12

This material originated:

☒ In The State of New Mexico

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

Source: Leaking valve on end-of-line blowoff

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

I Ricky D. Cosby
representative for EL PASO FIELD SERVICES

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

Signature Ricky D. Cosby

Title Compliance Engineering Environmental Specialist

Address PO BOX 4990 FARMINGTON N.M.

Date 2/16/96

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

95022

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 3/15/06 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: DENNY FOUST	4. Generator BASIN DISPOSAL
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site SAME
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter C F&M OILFIELD SERVICE
7. Location of Material (Street Address or ULSTR) UNIT E & F SEC 3 - T29N - R11W	8. State NEW MEXICO
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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:

SOLIDS FROM WASTE WATER INJECTION
PROCESS PRE-MIXED WITH CLEAN SOIL

RECEIVED
MAR 15 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 300 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE OPERATIONS MANAGER DATE 3/15/96
TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE GEOLOGIST DATE 3/18/96
APPROVED BY [Signature] TITLE S DATE 9



**TIERRA
ENVIRONMENTAL
COMPANY Inc.**

**CORPORATE
and
LANDFARM
OFFICES**

P.O. Drawer 15250
Farmington, NM 87401

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

**CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE**

Originating

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

BASIN DISPOSAL

UNIT E & F SEC 3 - T29N - R11W

This material originated in:

☒ **The State of New Mexico**

☐ **The State of _____ . Letter from Regulatory
Agency having jurisdiction therefore is attached.**

Location is on: ☐ **BLM, FOREST** ☐ **TRIBAL** ☐ **OTHER FEDERAL LANDS**

Description of Material:

**SOLIDS FROM WASTE WATER INJECTION
PROCESS PRE-MIXED WITH CLEAN SOIL**

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

I Don Lee

Representative for BASIN DISPOSAL

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

Signature Don Lee

Title MGR

Date 3-13-96

Address P.O. Box 100

AZTEC, NM 87410

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2010 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

95022

1. RCRA Exempt: ☒ Non-Exempt: ☐ DATE: 1/26/96

Verbal Approval Received: Yes ☒ No ☐ By: DENNY FOUST

4. Generator

BASIN DISPOSAL

2. Management Facility Destination

Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Originating Site

SAME

3. Address of Facility Operator

420 CR. 3100 AZTEC, NM 87410

6. Transporter

C F & M

7. Location of Material (Street Address or ULSTR)

UNIT E & F SEC 3 - T29N - R11W

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 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:

SOLIDS FROM WASTE WATER INJECTION
PROCESS PRE-MIXED WITH CLEAN SOIL

RECEIVED
FEB - 2 1996

OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³

Known Volume (to be entered by the operator at end of haul): 310 yd³

SIGNATURE Larry F. Hunter TITLE OPERATIONS MGR. DATE 1/29/96

TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Foust TITLE Geologist DATE 2/2/96

APPROVED BY Ernie Burch TITLE DATE 2-5-96



**TIERRA
ENVIRONMENTAL
COMPANY Inc.**

**CORPORATE
and
LANDFARM
OFFICES**

P.O. Drawer 15250
Farmington, NM 87401

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

**CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE**

Originating

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

BASIN DISPOSAL

UNIT E & F SEC 3 - T29N - R11W

This material originated in:

☒ **The State of New Mexico**

☐ **The State of _____ . Letter from Regulatory
Agency having jurisdiction therefore is attached.**

Location is on: ☐ **BLM, FOREST** ☐ **TRIBAL** ☐ **OTHER FEDERAL LANDS**

Description of Material:

**SOLIDS FROM WASTE WATER INJECTION
PROCESS PRE-MIXED WITH CLEAN SOIL**

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

I _____

Representative for BASIN DISPOSAL

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

Signature Don Lee

Title _____ Date 1-26-96

Address P.O. Box 100

AZTEC, NM 87410

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96005

1. RCRA Exempt: ☒ Non-Exempt: ☐ DATE:
Verbal Approval Received: Yes ☐ No ☐ By: DENNY FOUST

4. Generator
PNM GAS SERVICES

2. Management Facility Destination
Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Originating Site
COZZENS B1

3. Address of Facility Operator
420 CR. 3100 AZTEC, NM 87410

6. Transporter
DIAMOND D CONST.

7. Location of Material (Street Address or ULSTR)
SEC 19 - T29N - R11W (1600 S - 990 W)

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 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:

CONTAMINATED DEHYDRATOR PIT SOILS

RECEIVED
FEB - 2 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 100 - 300 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Larry F. Hunter TITLE OPERATIONS MGR. DATE 1/31/96

TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 2/2/96
APPROVED BY Ernest Bush TITLE in DATE 2-5-96



TIERRA ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

COZZENS BL
SEC 19 T 29N R 11W
1600S 990W

This material originated:

☒ In The State of New Mexico

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

Source:

Dehydrator pit

Destination: Tierra Environmental Corporation

Crouch Mesa Landfarm Facility

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

San Juan County, New Mexico

I

DENVER BEARDEN

representative for

PNM - GAS SERVICES

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

Signature

Danville Bearden

Title

ADMINISTRATOR III

Address

603 W Elm Farmington N.M. 87401

Date

1-26-96

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2240 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

96004

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/> By: DENNY FOUST	4. Generator PNM GAS SERVICES
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site McCOY A1A
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter DIAMOND D CONST.
7. Location of Material (Street Address or ULSTR) UNIT F SEC 18 - T31N - R10W	8. State NEW MEXICO
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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:

CONTAMINATED DEHYDRATOR PIT SOILS

RECEIVED
FEB - 2 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 100 - 300 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE Larry F. Hunter TITLE OPERATIONS MGR. DATE 1/31/96
TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 2/2/96
APPROVED BY Ernest Basch TITLE u DATE 2-5-96



TIERRA ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

MC COY A1A
SEC 18 T-31N R-10W
UNIT F

This material originated:

☒ In The State of New Mexico

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

Source: Dehydrator pit

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

I DENVER BEARDEN
representative for PNM-GAS SERVICES

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

Signature Denver Bearden

Title Administrator III

Address 603 W. Elm Farmington N.M. 87401

Date 1-26-96

District I (505) 393-6161
P.O. Box 1940
Hobbs, NM 88241-1980
District II (505) 748-1283
811 S. First
Artesia, NM 88210
District III (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV (505) 827-7131

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

Form C-138
Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 01/12/96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: F. CHAVEZ	4. Generator 96001 MERIDIAN OIL Inc.
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site McGRATH #4 SWD
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter RILEY CORP.
7. Location of Material (Street Address or ULSTR) SEC 34 T30N R12W	8. State NEW MEXICO
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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:

**FRESH WATER DRILLING MUDS AND PRODUCTION SANDS
FROM GAS WELL DRILLING OPERATIONS**

RECEIVED
JAN 17 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 100 Bbls. yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] **TITLE** OPERATIONS MANAGER **DATE** 01/12/96
TYPE OR PRINT NAME LARRY F. HUNTER **TELEPHONE NO.** (505) 334-8894

(This space for State Use)

APPROVED BY <u>[Signature]</u>	TITLE <u>Geologist</u>	DATE <u>1/17/96</u>
APPROVED BY <u>[Signature]</u>	TITLE <u> </u>	DATE <u> </u>

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-117 A
Revised 4-1-91

PERMIT NO. 3-576

TANK CLEANING, SEDIMENT OIL REMOVAL, TRANSPORTATION OF MISCELLANEOUS HYDROCARBONS AND DISPOSAL PERMIT

Operator or Owner Meridian Oil Inc. Address 3535 E. 30th Farmington, NMLease or Facility Name McGrath SUD #4 Location Sec. 34, R12W, T30N
U.L. - Sec. - Twp. - Rge.

OPERATION TO BE PERFORMED:

☒ Tank Cleaning ☐ Sediment Oil Removal ☐ Transportation of Miscellaneous Hydrocarbons

Operator or Owner Representative authorizing work CRAIG A. Bock Env. RepresentativeDate Work to be Performed 1/12/96TANK CLEANING DATA Tank Number N/A. Volume 210 BBLTank Type Surge tank Volume Below Load Line _____

SEDIMENT OIL OR MISCELLANEOUS HYDROCARBON DATA

Sediment Oil from: ☐ Pit ☐ Cellar ☐ Other

MISCELLANEOUS OIL

Tank Bottoms From: ☐ Pipeline Station ☐ Crude Terminal ☐ Refinery ☐ Other*Catchings From: ☐ Gasoline Plant ☐ Gathering Lines ☐ Salt Water Disposal System ☐ Other*Pipeline Break Oil or Spill ☐

*Other(Explain) _____

RECEIVED
JAN 11 1996
OIL CON. DIV.
DIST. 3

VOLUME AND DESTINATION:

Estimated Volume 30 Bbls. Field test volume of good oil _____ Bbls.
(Not required prior to Division approval)Destination (Name and Location of treating plant or other facility) Tierra Landfarm

DESTRUCTION OF SEDIMENT OIL BY:

☐ Burning ☐ Pit Disposal ☐ Use on Roads or firewalls ☒ Other

(Explain) _____

Location of Destruction _____

Justification of Destruction _____

CERTIFICATION: (APPLICATION MAY BE MADE BY EITHER OF THE FOLLOWING)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Owner William D. Ring

Transporter _____

By _____

Address _____

Title PRODUCTION SUPERVISOR

Signature _____

Date 1/10/96

Title _____ Date _____

OIL CONSERVATION DIVISION

Approved By ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date JAN 11 1996

A COPY OF THIS FORM MUST BE ON LOCATION DURING TANK CLEANING, REMOVAL OF SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS, AND MUST BE PRESENTED WITH TANK BOTTOMS, SEDIMENT OIL OR MISCELLANEOUS HYDROCARBONS AT THE TREATING PLANT TO WHICH IT IS DELIVERED.

DISTRIBUTION BY OCD	
	Santa Fe
	Pile
	Operator
	Transporter (2)



TIERRA
ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4 Sec 24, TOWN 30N, Range 12W

This material originated:

☒ In The State of New Mexico

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

Source: Fresh water drilling muds and production
sands from Gas and well drilling operations.

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

I Craig A. Bock
representative for Meridian Oil Inc.

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

Signature C. A. Bock

Title Environmental Representative

Address 3535 E. 30th Farmington, NM 87401

Date 11/1/96

Exempt Waste Manifest
Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. McGeath SWD #4
2. Volume: _____ Cubic Yards 87 _____ Barrels _____ Gallons
3. Description of Waste: Fresh water based Drilling muds
with Production sands.
4. Method of Waste Generation: Well Drilling & Production
Operations.
5. Disposal Facility: Tierra Landfarm
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal

C. A. Beck
(signature)

Date 1/11/96

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site

(signature)

Date _____

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)

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

**2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131**

Form C-138

Original 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 01/05/96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: DENNY FOUST	4. Generator 96001 MERIDIAN OIL Inc.
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site McGRATH #4 SWD
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter RILEY CORP.
7. Location of Material (Street Address or ULSTR) SEC 34 T30N R12W	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 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:

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

RECEIVED
JAN 17 1996
OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³

Known Volume (to be entered by the operator at end of haul): **400 Bbls.** yd³

SIGNATURE *Larry F. Hunter* TITLE **OPERATIONS MANAGER** DATE **01/12/96**
TYPE OR PRINT NAME **LARRY F. HUNTER** TELEPHONE NO. **(505) 334-8894**

(This space for State Use)

APPROVED BY *Denny G. Foust* TITLE *Geologist* DATE *1/17/96*
APPROVED BY *Ernie Beach* TITLE *u* DATE *u*



TIERRA
ENVIRONMENTAL CORPORATION

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

CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4, Section 34, Town. 30N, Range 12W

This material originated:

x In The State of New Mexico

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

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

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

I, Craig A. Bock
representative for Meridian Oil Inc.

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

Signature Craig A. Bock

Title Environmental Representative

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

Date 10/27/95


Exempt Waste Manifest Meridian Oil Inc.

PO Box 4289, Farmington, NM 87499

Safety and
Environmental

1. Waste Location: Lease/Well No. McGrath SWD #4
Sec. 34, Town. 30N, Range 12W
2. Volume: _____ Cubic Yards _____ Barrels _____ Gallons
3. Description of Waste: Filtered solids and oil mixed with soil.
4. Method of Waste Generation: Filtration on incoming fluids to
the McGrath SWD #4 well.
5. Disposal Facility: Tierra
6. Disposal Cost: _____
7. This waste material complies with the definition of exempt waste as listed in 40 CFR 261.4.

Approval for Disposal


(signature)

Date 10/27/95

MOI
Representative

Transportation Company: _____

Date(s) Transported: _____

MOI Representative on Site _____ Date _____
(signature)

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)

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 01/12/96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: F. CHAVEZ	4. Generator 96002 MERIDIAN OIL Inc.
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site McGRATH #4 SWD
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter PHILIP ENVIRONMENTAL
7. Location of Material (Street Address or ULSTR) SEC 34 T30N R12W	8. State NEW MEXICO
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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:

SOIL AND GRAVEL CONTAMINATED WITH CRUDE OIL
SPILLAGE CAUSED BY ACCIDENTAL FIRE AT FACILITY

RECEIVED
JAN 17 1996

OIL CON. DIV.
DIST. 3

Estimated Volume 20 - 40 yd³

Known Volume (to be entered by the operator at end of haul): _____ yd³

SIGNATURE [Signature] TITLE OPERATIONS MANAGER DATE 01/12/96
TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE 1/17/96
APPROVED BY [Signature] TITLE _____ DATE _____



TIERRA ENVIRONMENTAL CORPORATION

CORPORATE OFFICE
P. O. Drawer 15230
Farmington, NM 87401
(505) 325-0924

Fax 326-4725

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

McGrath SWD #4 Sec 34, T30N, R12W

This material originated:

☒ In The State of New Mexico

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

Source: Crude Oil Contaminated Soil and Gravel

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

I Keith M. Roedecker
representative for Meridian Oil Inc.

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

Signature Keith M. Roedecker

Title Sr. Staff, Env. Rep.

Address 3535 E. 30th St., Farmington, NM 87401

Date 1/12/96

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-138

Originated 4/18/95

Submit Original
Plus 1 Copy
to appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input checked="" type="checkbox"/> Non-Exempt: <input type="checkbox"/> DATE: 01/16/96 Verbal Approval Received: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> By: DENNY FOUST	4. Generator 96003 PNM GAS SERVICES
2. Management Facility Destination Tierra Environmental Co., Inc. Crouch Mesa Landfarm	5. Originating Site COZZENS B1E
3. Address of Facility Operator 420 CR. 3100 AZTEC, NM 87410	6. Transporter DIAMOND D CONST.
7. Location of Material (Street Address or ULSTR) UNIT J - NW/4 SE/4 - SEC 19 - T29N - R11W	8. State NEW MEXICO
9. Check One <input checked="" type="checkbox"/> 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. <input type="checkbox"/> 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:

HYDROCARBON CONTAMINATED SOIL FROM DEHYDRATOR /
SEPARATOR PIT

RECEIVED
JAN 17 1996
OIL CON. DIV.
DIST. 3

Estimated Volume 12 - 24 yd³

Known Volume (to be entered by the operator at end of haul): yd³

SIGNATURE [Signature] TITLE OPERATIONS MANAGER DATE 01/16/96
TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Foust TITLE Geologist DATE 1/17/96
APPROVED BY Ernie Busch TITLE a DATE -



TIERRA ENVIRONMENTAL CORPORATION

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

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

COZZENS BIE

SEC 19 T 29N R11W UNIT J

NW 1/4 SE 1/4

This material originated:

☒ In The State of New Mexico

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

Source:

Dehydrator / Separator pit -

Destination: Tierra Environmental Corporation

Crouch Mesa Landfarm Facility

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

San Juan County, New Mexico

I

DENVER BEARDON
representative for PNM - GAS SERVICES

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

Signature

ADMINISTRATOR III

Title

Address 603 W. Elm Farmington 87401

Date

1-15-96

District I (505) 393-6161

P.O. Box 1940

Hobbs, NM 88241-1980

District II (505) 748-1283

811 S. First

Artesia, NM 88210

District III (505) 334-6178

1000 Rio Brazos Road

Aztec, NM 87410

District IV (505) 827-7131

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco Street

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-138

Original 4-18-95

Submit Original

Plus 1 Copy

to appropriate

District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐ DATE:

Verbal Approval Received: Yes ☒ No ☐ By: DENNY FOUST

4. Generator

EL PASO NATURAL GAS

2. Management Facility Destination

Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Originating Site

SEE ATTACHED LIST

3. Address of Facility Operator

420 CR. 3100 AZTEC, NM 87410

6. Transporter

PHILIP ENVIRONMENTAL

7. Location of Material (Street Address or ULSTR)

SEE ATTACHED LIST

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 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:

Various dehydrator and drip pits at closure sites closed during
DECEMBER 1995

RECEIVED
JAN 17 1996
OIL CON. DIV.
DIST. 3

Estimated Volume _____ yd³

Known Volume (to be entered by the operator at end of haul): 710 yd³

SIGNATURE Larry F. Hunter TITLE OPERATIONS MGR. DATE 1-10-96

TYPE OR PRINT NAME LARRY F. HUNTER TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny Z. Foust TITLE Geologist DATE 1/17/96

APPROVED BY Ernie Bandy TITLE a DATE 2



TIERRA ENVIRONMENTAL CORPORATION

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

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

CERTIFICATE OF WASTE STATUS EXEMPT OILFIELD WASTE

Originating

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

A list of pit closure sites is attached. December, 1995

This material originated:

XX In The State of New Mexico

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

Source: Various dehydrator and drip pits.

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

I Sandra D. Miller

representative for El Paso Natural Gas Company

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

Signature Sandra D. Miller

Title Sr. Compliance Scientist

Address P.O. Box 4990; Farmington, NM 87499

Date 1-9-96

SENT BY:EPNG

1- 9-96 : 4:23PM :EL PASO NATURAL GAS -TIERRA ENVIRONMENTAL :# 3/ 3

Closed	Meter	Meter2	Tie		ironmental December, 1995	
			Location		STRL	Comments
12/16/95	71676		Turner A1 PM		34-31-11-G	2

TIERRA ENVIRONMENTAL COMPANY Inc.

JOB # 94022

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

DATE	T/NUM	METER	LOCATION NAME	CARRIER	TRK #	CONT/YDS	BACK/YDS	CELL
12/5/95	5059	71676	TURNER A-1 PM	PHILIP	6000	70.00	70.00	11
12/5/95	5060	71676	TURNER A-1 PM	PHILIP	6002	70.00	70.00	11
12/5/95	5061	71676	TURNER A-1 PM	PHILIP	6001	70.00	70.00	11
12/5/95	5062	71676	TURNER A-1 PM	CRUZ	2	40.00	40.00	11
12/5/95	5063	71676	TURNER A-1 PM	CRUZ	5	40.00	40.00	11
						290.00	290.00	
12/6/95	5064-71	71676	TURNER A-1 PM	PHILIP	6000	80.00	90.00	11
12/6/95	5065-69	71676	TURNER A-1 PM	PHILIP	6001	90.00	90.00	11
12/6/95	5066-72	71676	TURNER A-1 PM	PHILIP	6002	90.00	90.00	11
12/6/95	5067	71676	TURNER A-1 PM	ENVIRO	E-51	70.00	70.00	11
12/6/95	5068-70	71676	TURNER A-1 PM	ATENCIO	DS-7	90.00	90.00	11
						420.00	430.00	
TOTALS:						710.00	720.00	

EL PASO JULY 1995

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

SUM:	SUM:
710.00	720.00

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒ **95044**
 Verbal Approval Received: Yes ☒ No ☐ By: **DENNY FOUST**
 (Submitting this form for oilfield exempt waste is optional) **DATE:**

4. Generator
 Gary Williams Energy Corp.

2. Destination
Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Name of Originating Site
 Montezuma Creek Station

3. Address of Facility Operator
420 CR. 3100 AZTEC, NM 87410

6. Name of Transporter
 Fesco

7. Originating Location of Material (Street Address or ULSTR)
**SE 1/4 SEC 32 - T 40 S - R
 24 W**

8. State
 Utah

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

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

Projected Date(s) for transportation: **January 1996**

BRIEF DESCRIPTION OF THE MATERIAL:

Soil Contaminated with
 Crude Oil from Storage and
 Transfer Operations On Site.

RECEIVED
 JAN 10 1996

RECEIVED
 JAN - 3 1996

OIL CON. DIV.
 DIST. 3

OIL CON. DIV.
 DIST. 3

Estimated Volume **500** yd³ Known Volume (to be entered by the operator at end of haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE **Todd D. Nobis** TITLE **Environmental Specialist** DATE **01-02-96**

TYPE OR PRINT NAME **Todd D. Nobis** TELEPHONE NO. **(505) 334-8894**

(This space for State Use)

APPROVED BY **Denny G. Foust** TITLE **Geologist** DATE **1/3/95**

APPROVED BY **D. Foust** TITLE **GEOLOGIST** DATE **1-8-96**

CONDITIONS OF APPROVAL, IF ANY:

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

1. RCRA Exempt: ☐ Non-Exempt: ☒ 95044
 Verbal Approval Received: Yes ☐ No ☐ By: DENNY FOUST
 (Submitting this form for oilfield exempt waste is optional) DATE:

4. Generator
 Gary Williams Energy Corp.

2. Destination
 Tierra Environmental Co., Inc. Crouch Mesa Landfarm

5. Name of Originating Site
 Montezuma Creek Station

3. Address of Facility Operator
 420 CR. 3100 AZTEC, NM 87410

6. Name of Transporter
 Fesco

7. Originating Location of Material (Street Address or ULSTR)
 SE 1/4 SEC 32 - T 40 S - R
 24 W

8. State
 Utah

9. Check One

- ☐ A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certificate of waste from the Generator; one certificate per job.
- ☐ B. All requests for approval to accept non-oilfield exempt wastes will be accompanied by a certification of waste status from the Generator and the New Mexico Environmental Dept or other appropriate government agency; two certificates per job.
- ☒ C. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analyses to prove the material is non-hazardous and the Generator's certification of origin. No waste classified as hazardous by listing or testing will be approved.

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

Projected Date(s) for transportation: January 1996

BRIEF DESCRIPTION OF THE MATERIAL:

Soil Contaminated with
 Crude Oil from Storage and
 Transfer Operations On Site.

Estimated Volume 500 yd³ Known Volume (to be entered by the operator at end of haul): _____ yd³

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ted D. Nobis TITLE Environmental Specialist DATE 01-02-96

TYPE OR PRINT NAME Ted D. Nobis TELEPHONE NO. (505) 334-8894

(This space for State Use)

APPROVED BY Denny G. Foust TITLE Geologist DATE 1/3/95

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



**TIERRA
ENVIRONMENTAL
COMPANY Inc.**

**CORPORATE
and
LANDFARM
OFFICES**

P.O. Drawer 15250
Farmington, NM 87401

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

**CERTIFICATE OF WASTE STATUS
EXEMPT OILFIELD WASTE**

Originating

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

MONTAZUMA CREEK STATION

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

This material originated in:

☐ The State of New Mexico

☒ The State of UTAH . Letter from Regulatory
Agency having jurisdiction therefore is attached.

Location is on: ☐ BLM. FOREST ☒ TRIBAL ☐ OTHER FEDERAL LANDS

Description of Material: SOIL CONTAMINATED BY STOREAGE
AND TRANSFER OPERATIONS ON SITE

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

I CHRIS HAWLEY

Representative for GARY WILLIAMS ENERGY CORP.

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

Signature Chris Hawley

Title ENVIRONMENTAL MGR.

Date 12-14-95

Address 370 17th. ST. Suite 5300

DENVER, CO 80207



State of Utah

DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF SOLID AND HAZARDOUS WASTE

FILE COPY

Michael O. Leavitt
GovernorDianne R. Nielson, Ph.D.
Executive DirectorDennis R. Downs
Director288 North 1460 West
P.O. Box 144880
Salt Lake City, Utah 84114-4880
(801) 538-6170
(801) 538-6715 Fax
(801) 536-4414 T.D.D.

December 27, 1995

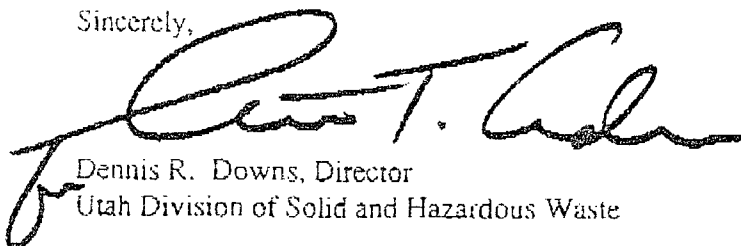
Larry Hunter
Tierra Environmental Company Inc.
420 Cr. 3100
Aztec, New Mexico 87410

Dear Mr. Hunter:

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

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

Sincerely,


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

DRD/TAM/tam





TIERRA
ENVIRONMENTAL
COMPANY Inc.

P.O. DRAWER 15250
FARMINGTON, NM 87401

January 02, 1996

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

Dear Mr. Moore,

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

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

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

Sincerely,

Todd D. Nobis
Environmental Specialist



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>State of Utah</i>	
Street and No.	
P.O., State and ZIP Code <i>84114</i>	
Postage	\$ <i>.32</i>
Certified Fee	<i>1.10</i>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	<i>1.10</i>
Return Receipt Showing Date, any addressee's address	
TOTAL Postage & Fees	\$ <i>2.52</i>
Postmark on Envelope JAN 02 1996 CSPS-87415	

PS Form 3800, June 1991

PRELIMINARY REPORT

LABORATORY TESTS RESULTS 12/22/95

JOB NUMBER: 953742

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

CLIENT I.D.: MONTEZUMA CREEK-BRC

LABORATORY I.D.: 953742-0001

DATE SAMPLED: 12/13/95

DATE RECEIVED: 12/14/95

TIME SAMPLED: 10:35

TIME RECEIVED: 10:18

WORK DESCRIPTION: MONTEZUMA CREEK-BRC

REMARKS:

TEST DESCRIPTION	FINAL RESULT	LIMITS/DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
TCLP Semivolatiles		*1		EPA SW-846 8270B	12/22/95	DEF
1,4-Dichlorobenzene	<10	10	ug/L	EPA SW-846 8270B		
2,4-Dinitrotoluene	<10	10	ug/L	EPA SW-846 8270B		
Hexachlorobenzene	<10	10	ug/L	EPA SW-846 8270B		
Hexachlorobutadiene	<10	10	ug/L	EPA SW-846 8270B		
Hexachloroethane	<10	10	ug/L	EPA SW-846 8270B		
Nitrobenzene	<10	10	ug/L	EPA SW-846 8270B		
Pentachlorophenol	<50	50	ug/L	EPA SW-846 8270B		
2,4,5-Trichlorophenol	<10	10	ug/L	EPA SW-846 8270B		
2,4,6-Trichlorophenol	<10	10	ug/L	EPA SW-846 8270B		
Pyridine	<10	10	ug/L	EPA SW-846 8270B		
p,m-Cresol	<10	10	ug/L	EPA SW-846 8270B		
o-Cresol	<10	10	ug/L	EPA SW-846 8270B		
2-Fluorophenol (Surrogate)	66	0	% Recovery	21-100% QC LIMITS		
Phenol-d6 (Surrogate)	81	0	% Recovery	10-94% QC LIMITS		
Nitrobenzene-d5 (Surrogate)	74	0	% Recovery	35-114% QC LIMITS		
2-Fluorobiphenyl (Surrogate)	37	0	% Recovery	43-116% QC LIMITS		
2,4,6-Tribromophenol (Surrogate)	80	0	% Recovery	10-123% QC LIMITS		
Terphenyl-d14 (Surrogate)	60	0	% Recovery	33-141% QC LIMITS		
TCLP Volatiles		*10		EPA SW-846 8260	12/15/95	GP
Benzene	<50	50	ug/L	EPA SW-846 8260		
Carbon tetrachloride	<50	50	ug/L	EPA SW-846 8260		
Chlorobenzene	<50	50	ug/L	EPA SW-846 8260		
Chloroform	<50	50	ug/L	EPA SW-846 8260		
Methyl ethyl ketone	<500	500	ug/L	EPA SW-846 8260		
Trichloroethene	<50	50	ug/L	EPA SW-846 8260		
Vinyl chloride	<40	40	ug/L	EPA SW-846 8260		
1,2-Dichloroethane	<50	50	ug/L	EPA SW-846 8260		
Tetrachloroethene	<50	50	ug/L	EPA SW-846 8260		
1,1-Dichloroethane	<50	50	ug/L	EPA SW-846 8260		
Dibromofluoromethane (Surrogate)	99	0	% Recovery	86-118% QC LIMITS		
Toluene d-8 (Surrogate)	101	0	% Recovery	88-110% QC LIMITS		
4-Bromofluorobenzene (Surrogate)	98	0	% Recovery	86-115% QC LIMITS		
Extraction - TCLP Semivolatiles	Completed			EPA SW-846 3520	12/19/95	WEB
Leach Jar Extraction for Metals	Completed			EPA SW-846 1311	12/14/95	DGP
Leach Jar Extraction-Semivolatiles	Completed			EPA SW-846 1311	12/14/95	DGP
Asenic (As), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673

PRODUCTION
REPORT

LABORATORY TESTS RESULTS
12/22/95

JOB NUMBER: 953742

CUSTOMER: ONSITE TECHNOLOGIES LIMITED

ATTN: DAVE COX

CLIENT I.D.: MONTEZUMA CREEK-BRC

DATE SAMPLED: 12/13/95

TIME SAMPLED: 10:35

WORK DESCRIPTION: MONTEZUMA CREEK-BRC

LABORATORY I.D.: 953742-0001

DATE RECEIVED: 12/14/95

TIME RECEIVED: 10:18

REMARKS:

TEST DESCRIPTION	FINAL RESULT	LIMITS/DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Barium (Ba), extractable TCLP	2.56	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Cadmium (Cd), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Chromium (Cr), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Lead (Pb), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Selenium (Se), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Silver (Ag), extractable TCLP	<0.05	0.05	mg/L	EPA SW-846 6010A	12/19/95	GCC
Flammability Potential	Negative		+ or -	ASTM D4982-89	12/19/95	TFB
Cyanide, Reactive	<5	5	mg/kg	EPA SW-846 7.3.3.2	12/22/95	GB
Corrosivity by pH	7.8	0.1	pH units	30 YAG 335.505 (3)	12/19/95	SEB
Sulfide, Reactive	<50	50	mg/kg	EPA SW-846 7.3.4.2	12/15/95	GB
Mercury (Hg), extractable, TCLP	<0.002	0.002	mg/L	EPA SW-846 7470	12/19/95	EBS
Metals Digest on Extracted Sample	Completed			EPA SW-846 3010A	12/18/95	TFB
Zero Headspace Extraction-Volatile	Completed			EPA SW-846 1311	12/14/95	DGP

1733 NORTH PADRE ISLAND DRIVE
CORPUS CHRISTI, TX 78408
(512) 289-2673