NM1-11

C-138

Date: 2006

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval July 31, 2006 Brandon Powell	4. Generator: Williams Field Services
	5. Originating Site: Trunk N CDP Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Units B&G; S 17; T 32N; R 7W; San Juan County	Project # 00068-049

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with lube oil and antifreeze from compressor skid. RCRA 8 metals dated 7/19/06 revealed the following levels: Arsenic 0.064 mg/Kg; Barium 15.8 mg/Kg; Cadmium 0.830 mg/Kg; Chrominum nondetect; Lead 0.265 mg/Kg; Mercury 0.01 mg/Kg; Selenium nondetect; Silver nondetect. RCI dated 7/19/06 shows a PH of 8.43 with ignitability, corrosivity and reactivity all negative.

CWS and analyticals attached

Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: July 31, 2006

TYPE OR PRINT NAME: Morris D. Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: [signature] TITLE: Enviro Spec DATE: 8/9/06

APPROVED BY: [signature] TITLE: Enviro Engr DATE: 8/30/06

Hall Environmental Analysis Laboratory

Date: *28-Sep-05*

CLIENT: Blagg Engineering
Work Order: 0509168
Project: BP ATLANTIC A LS 15

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-8794**	Batch ID: **8794**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date **9/20/2005 9:24:58 PM**	Prep Date **9/20/2005**
Client ID:		Run ID: **FID(17A) 2_050920A**		SeqNo: **402215**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44.24	10	50	0	88.5	67.4	117	0			

Sample ID **LCSD-8794**	Batch ID: **8794**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date **9/20/2005 9:58:02 PM**	Prep Date **9/20/2005**
Client ID:		Run ID: **FID(17A) 2_050920A**		SeqNo: **402216**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41.68	10	50	0	83.4	67.4	117	44.24	5.96	17.4	

Sample ID **lcs-8782**	Batch ID: **8782**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date **9/22/2005 10:28:54 PM**	Prep Date **9/19/2005**
Client ID:		Run ID: **PIDFID_050922A**		SeqNo: **403092**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24.86	5	25	0	99.4	84	120	0			

Sample ID **lcsd-8782**	Batch ID: **8782**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date **9/22/2005 10:59:42 PM**	Prep Date **9/19/2005**
Client ID:		Run ID: **PIDFID_050922A**		SeqNo: **403095**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23.71	5	25	0	94.8	84	120	24.78	4.41	11.6	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Units B&G; S 17; T 32N; R 7W; San Juan County	Project # 00068-049

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CWS and analyticals attached

Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: July 31, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D. Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: Envirospec DATE: 8/9/06

APPROVED BY: _____ TITLE: _____ DATE: _____

00068-049

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Williams Field Services Co. 188 County Road 4900 Bloomfield, NM 87413	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of Waste (Street address &/or ULSTR):
Trunk N CDP Station	Units B & G , Section 17, T32N, R7W, San Juan Co. NM
attach list of originating sites as appropriate	
4. Source and Description of Waste Soil contaminated with lube oil and antifreeze from compressor skid	

I, David Bays representative for:
Print Name

Williams Field Service Co.. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

_____ **EXEMPT** Oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

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

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

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): David Bays

Title: Sr. Environmental Specialist

Date: July 18, 2006

ENVIROTECH LABS

ENVIRONMENTAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Hanover Compression	Project #:	99043-014
Sample ID:	Composite	Date Reported:	07-19-06
Lab ID#:	37862	Date Sampled:	07-18-06
Sample Matrix:	Soil	Date Received:	07-18-06
Preservative:	Cool	Date Analyzed:	07-18-06
Condition:	Cool and Intact	Chain of Custody:	1215

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 8.43**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Trunk N Compressor Spill**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-014
Sample ID:	Composite	Date Reported:	07-19-06
Laboratory Number:	37862	Date Sampled:	07-18-06
Chain of Custody:	1215	Date Received:	07-18-06
Sample Matrix:	Soil	Date Analyzed:	07-19-06
Preservative:	N/A	Date Digested:	07-18-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.064**	**0.001**	**5.0**
Barium	**15.8**	**0.001**	**100**
Cadmium	**0.830**	**0.001**	**1.0**
Chromium	**ND**	**0.001**	**5.0**
Lead	**0.265**	**0.001**	**5.0**
Mercury	**0.01**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Trunk N Compressor Spill**

Analyst

Review

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ENVIROTECH LABS

ACTIVE SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	07-19 TM QA/AC	Date Reported:	07-19-06
Laboratory Number:	37861	Date Sampled:	N/A
Sample Matrix:	Sludge	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-19-06
Condition:	N/A	Date Digested:	07-18-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.017**	**0.017**	**0.0%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**8.32**	**8.35**	**0.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.340**	**0.337**	**0.9%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.029**	**0.029**	**0.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.017**	**0.516**	**99.8%**	**80% - 120%**
Barium	**0.500**	**8.32**	**8.80**	**99.8%**	**80% - 120%**
Cadmium	**0.500**	**0.340**	**0.838**	**99.8%**	**80% - 120%**
Chromium	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Lead	**0.500**	**0.029**	**0.527**	**99.6%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.497**	**99.4%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37861 - 37862**

Analyst

Review

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL - BRANDON POWELL 8/2/06	4. Generator: The Hanover Company
	5. Originating Site: Thompson CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 4; T 30N; R 12W	Project #99043-026

9. Circle One:

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

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil from spill cleanup on site. Soil contaminated with antifreeze that spilled from bulk storage on site.

CWS and MSDS for Coastal Chemical product Thermguard 50 antifreeze attached.

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

SIGNATURE Morris D. Young TITLE: President DATE: 08/02/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Environ Spec DATE: 8/4/06

APPROVED BY: [signature] TITLE: Environ Engr DATE: 9/5/06

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 9/15/2005

Work Order Number 0509168 | Received by GLS

Checklist completed by _____ 9/15/05
Signature | Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	5°	*4° C ± 2 Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

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SIGNATURE Morris D. Young TITLE: President DATE: 08/02/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

99043-

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER 1280 TROY KING RD. FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
WILLIAMS' THOMPSON COMPRESSOR STATION	SEC. 4 T30N R12W
attach list of originating sites as appropriate	
4. Source and Description of Waste COASTAL CHEM. THERMGUARD 50 ANTIFREEZE SPILLED FROM BULK STORAGE TANK ONTO GROUND, MIXED WITH SOIL	

I, MICHAEL BALCAR representative for :
Print Name

HANOVER do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Balcar

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 8/2/06

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	**ThermGuard 50**
Supplier	**COASTAL CHEMICAL CO.,L.L.C.** **3520 Veterans Memorial Drive** **ABBEVILLE, LA 70510** **337-893-3862**
Synonym	Not available.
Trade name	Not available.
Material Uses	Industrial applications: Coolant and antifreeze.
Manufacturer	Coastal Chemical Co., Inc. 3520 Veterans Memorial Drive Abbeville, La.

Code	Not available.
MSDS#	Not available.
Validation Date	**03/16/2000**
Print Date	10/05/2000

In case of Emergency	Transportation Emergency Call CHEMTREC 800-424-9300 Other Information Call Joe Hudman 713-477-6675

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC_{50}/LD_{50}
1) Ethylene Glycol	107-21-1	50	CEIL: 39.4 (ppm) CEIL: 100 (mg/m^3)	ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit.].

Section 3. Hazards Identification

Emergency Overview	CAUTION! **HARMFUL IF INHALED. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. Repeated or prolonged exposure to the substance can produce kidney damage.**
Routes of Entry	Ingestion.
Potential Acute Health Effects	Very dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, sensitizer, permeator), of eye contact (irritant), of inhalation. This product may irritate eyes and skin upon contact.
Potential Chronic Health Effects	**CARCINOGENIC EFFECTS**: Not available. **MUTAGENIC EFFECTS**: Not available. **TERATOGENIC EFFECTS**: Not available. The substance is toxic to kidneys, the nervous system, the reproductive system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4. First Aid Measures

Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.
Skin Contact	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Hazardous Skin Contact	No additional information.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Hazardous Inhalation	No additional information.

Continued on Next Page

Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.
Hazardous Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Section 5. Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	The lowest known value is 398°C (748.4°F) (Ethylene Glycol).
Flash Points	The lowest known value is CLOSED CUP: 116°C (240.8°F). OPEN CUP: 111°C (231.8°F). (Cleveland). (Ethylene Glycol)
Flammable Limits	The greatest known range is LOWER: 3.2% UPPER: 15.3% (Ethylene Glycol)
Products of Combustion	These products are carbon oxides (CO, CO2).
Fire Hazards in Presence of Various Substances	Very slightly to slightly flammable in presence of open flames and sparks, of heat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Special Remarks on Fire Hazards	When heated to decomposition, it emits acrid smoke and irritating fumes. (Ethylene Glycol)
Special Remarks on Explosion Hazards	No additional remark.

Section 6. Accidental Release Measures

Small Spill	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling	Not available.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engeneering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	Safety glasses. Lab coat. Gloves (impervious). Wear appropriate respirator when ventilation is inadequate.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Chemical Name or Product Name	CAS #	Exposure Limits

Continued on Next Page

1) 1,2-Ethanediol	107-21-1	CEIL: 39.4 (ppm) CEIL: 100 (mg/m^3)

Section 9. Physical and Chemical Properties

Physical state and appearance	Liquid.
Molecular Weight	Not applicable.
pH (1% soln/water)	Neutral.

Odor	Not available.
Taste	Not available.
Color	Not available.

Boiling Point	The lowest known value is 198°C (388.4°F) (Ethylene Glycol).
Melting Point/Pour Point	May start to solidify at -13.5°C (7.7°F) based on data for: Ethylene Glycol.
Critical Temperature	Not available.
Specific Gravity	1.06 (Water = 1)
Vapor Pressure	The highest known value is 0.05 mm of Hg (@ 20°C) (Ethylene Glycol).
Vapor Density	The highest known value is 2.1 (Air = 1) (Ethylene Glycol).
Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	Not available.
Water/Oil Dist. Coeff.	The product is much more soluble in water.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Very slightly soluble in n-octanol.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents, alkalis.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Not available.

Section 11. Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 4700 mg/kg (Rat) Acute dermal toxicity (LD50): > 5000 mg/kg (Rabbit.)
Chronic Effects on Humans	The substance is toxic to kidneys, the nervous system, the reproductive system, liver.
Other Toxic Effects on Humans	Very dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, sensitizer, permeator), of eye contact (irritant), of inhalation.
Special Remarks on Toxicity to Animals	Toxic for humans or animal life. (Ethylene Glycol)

Continued on Next Page

Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on other Toxic Effects on Humans	Exposure can cause nausea, headache and vomiting. (Ethylene Glycol)

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Disposal	Follow local, state, and federal guidelines.

Section 14. Transport Information

Propper Shipping Name	Drums - Not Regulated Bulk (> 1000 gals.) - Regulated Environmentally hazardous substances, liquid, N.O.S. (Ethylene Glycol)
DOT Classification	DOT CLASS 9: Miscellaneous hazardous material.
DOT Identification Number	UN3082
Packing Group	III
Hazardous Substances Reportable Quantity (kg)	10001.7lbs. (4535.9 kg)
Special Provisions for Transport	No additional remark.

Section 15. Regulatory Information

Federal and State Regulations	The following product(s) is (are) listed on SARA 313: , **Ethylene Glycol** The following product(s) is (are) listed by the State of Massachusetts: **Ethylene Glycol** The following product(s) is (are) listed on TSCA: **Ethylene Glycol**	
Other Classifications	WHMIS (Canada)	WHMIS CLASS D-2A: Material causing other toxic effects (VERY TOXIC).
	DSCL (EEC)	Not controlled under DSCL (Europe).

Continued on Next Page

Section 16. Other Information

HMIS (U.S.A.)

Health Hazard	*	2
Fire Hazard		1
Reactivity		0
Personal Protection		B

National Fire Protection Association (U.S.A.)

References	Not available.
Other Special Considerations	No additional remark.

Validated by Joe Hudman on 03/16/2000.

Verified by Joe Hudman.

Printed 10/05/2000.

Transportation Emergency Call
CHEMTREC 800-424-9300
Other Information Call
Joe Hudman
713-477-6675

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ Brandon Powell 5/10/06 8:33 a.m.	4. Generator: Conoco Phillips
	5. Originating Site: Houck Com #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit I, S 1, T 29N, R 10W San Juan County	Project # 96052-506

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 10 cy soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 5/03/06 revealed the following levels:
Arsenic 0.770 mg/Kg; Barium 5.75 mg/Kg; Cadmium 0.069mg/Kg; Chromium 0.210 mg/Kg; Lead 0.694 mg/Kg; Mercury nondetect; Selenium nondetect; and Silver nondetect.

CWS and analyticals are attached.

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

SIGNATURE Morris D Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 05/10/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi Spec DATE: 5/10/06

APPROVED BY: [illegible] TITLE: Env. Engr DATE: 9-6-06

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other: _____

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: BLAGG ENGINEERING, INC.

Address: P.O. BOX 87
BLOOMFIELD, NM 87413

Phone #: 505-632-1199

Fax #:

Project Name: ATLANTIC B LS 1

Project #:

Project Manager: JEFF BLAGG

Sampler: JEFF BLAGG

Sample Temperature: 4.6

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	Chloride				Air Bubbles or Headspace (Y or N)
12-15-05	0950	SOIL	PROD.	1-4 oz				0512228-1	X		X										X				
"	1015	"	ABANDON #1	"				-2	X		X										X				

Date: 12-19-05 Time: 0730 Relinquished By: (Signature) JEFF BLAGG
Received By: (Signature) 12/20/05 9:25

Date: Time: Relinquished By: (Signature)
Received By: (Signature)

Remarks:

District I
1625 N. French Dr., Hobbs, NM 88240
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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAY 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ Brandon Powell 5/10/06 8:33 a.m.	4. Generator: Conoco Phillips
	5. Originating Site: Houck Com #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit I, S 1, T 29N, R 10W San Juan County	Project # 96052-506

9. Circle One:

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 10 cy soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 5/03/06 revealed the following levels:
Arsenic 0.770 mg/Kg; Barium 5.75 mg/Kg; Cadmium 0.069mg/Kg; Chromium 0.210 mg/Kg; Lead 0.694 mg/Kg; Mercury nondetect; Selenium nondetect; and Silver nondetect.

CWS and analyticals are attached.

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

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 05/10/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BC TITLE: DATE:

APPROVED BY: TITLE: DATE:

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Houck Com #1 API # 30-045-25797 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit I, Section 1, T29N, R10W 1580' FSL & 890' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 10 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 5-3-06 revealed the following levels: Arsenic 0.770 mg/Kg; Barium 5.75 mg/Kg; Cadmium 0.069 mg/Kg; Chromium 0.210 mg/Kg; Lead 0.694 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
____ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: May 9, 2006

CHAIN OF CUSTODY RECORD

15869

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
CONOCO PHILLIPS	29-10 HOUCK COM 1	
Sampler: # 320-6565 LEROY SANCHEZ	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 METALS						Remarks
OIL GRAVEL + DIRT	5/2/06	1000	37006	SOIL	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
LEROY SANCHEZ	5/3/06	7:15 AM		5/3/06	7:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

CHARGE CODE: 382503 7847

ENTERED MAY 0 5 2006

CALL - MONICA JOHNSON

FAX

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

FAVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Oil & Gravel Dirt	Date Reported:	05-03-06
Laboratory Number:	37006	Date Sampled:	05-02-06
Chain of Custody:	15869	Date Received:	05-03-06
Sample Matrix:	Soil	Date Analyzed:	05-03-06
Preservative:	N/A	Date Digested:	05-03-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.770**	**0.001**	**5.0**
Barium	**5.75**	**0.001**	**100**
Cadmium	**0.069**	**0.001**	**1.0**
Chromium	**0.210**	**0.001**	**5.0**
Lead	**0.694**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **29-10 Houck Com 1.**

Christine Walters
Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	05-03 TM QA/AC	Date Reported:	05-03-06
Laboratory Number:	37003	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	05-03-06
Condition:	N/A	Date Digested:	05-02-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.096**	**0.097**	**0.6%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**24.09**	**24.07**	**0.1%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.009**	**0.009**	**2.2%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.835**	**0.846**	**1.3%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.599**	**0.600**	**0.2%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**0.008**	**0.008**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.096**	**0.633**	**106.2%**	**80% - 120%**
Barium	**0.500**	**24.09**	**24.4**	**99.2%**	**80% - 120%**
Cadmium	**0.500**	**0.009**	**0.558**	**109.6%**	**80% - 120%**
Chromium	**0.500**	**0.835**	**1.307**	**97.9%**	**80% - 120%**
Lead	**0.500**	**0.599**	**1.06**	**96.5%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.497**	**99.4%**	**80% - 120%**
Silver	**0.500**	**0.008**	**0.502**	**98.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37003 - 37004 and 37006.**

Analyst

Review

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

Date 5/3/06

Analylist CWalker

RCRA Trace Metals Analysis

Concentration (mg/Kg) **5.00 grams/50 ml**

No	Digestion Date	Sample	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
1	5/2/06	37003	.0964	24.09	.0092	.8350	.5988	<.001	<.001	.0081
dupe			.0970	24.07	.0090	.8462	.6000	<.001	<.001	.0080
2		37004	.0951	10.53	.0386	.5322	3.763	<.001	<.001	.0075
3		37006	.7698	5.748	.0691	.2096	.6942	<.001	<.001	<.001
4										
5										
6										
7										
8										
9										
10										
blank			<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Spike	Added		.500	.500	.500	.500	.500	.500	.500	.500
Spike	Result		.633	24.4	.5582	1.307	1.060	.498	.497	.502

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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
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Form C-138
Revised March 17, 1999

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to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ Brandon Powell 5/10/06 8:33am.	4. Generator: Conoco Phillips
	5. Originating Site: Sibyl Federal #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit C, S 32, T 27N, R 11W San Juan County	Project # 96052-518

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 10 cy soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4/21/06 revealed the following levels:
Arsenic 0.034 mg/Kg; Barium 3.84 mg/Kg; Cadmium 0.042mg/Kg; Chromium 0.262 mg/Kg; Lead 3.94 mg/Kg; Mercury nondetect; Selenium 0.014 mg/Kg; and Silver 0.002 mg/Kg.

CWS and analyticals are attached.

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

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 5/10/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi. Spec DATE: 5/10/06

APPROVED BY: [signature] TITLE: ENVIRO. ENGR DATE: 9-21-06

Hall Environmental Analysis Laboratory

Date: *05-Jan-06*

CLIENT: Blagg Engineering
Work Order: 0512228
Project: Atlantic B LS 1

QC SUMMARY REPORT

Method Blank

Sample ID: MB-9478	Batch ID: 9478	Test Code: E300	Units: mg/kg	Analysis Date: 12/30/2005	Prep Date: 12/29/2005
Client ID:		Run ID: LC_051230A		SeqNo: 436877	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.3									

Sample ID: MB-9445	Batch ID: 9445	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/22/2005 12:55:20 P	Prep Date: 12/22/2005
Client ID:		Run ID: FID(17A) 2_051222A		SeqNo: 435130	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	9.62	0	10	0	96.2	60	124	0			

Sample ID: mb-9440	Batch ID: 9440	Test Code: SW8015	Units: mg/Kg	Analysis Date: 12/21/2005 4:26:03 PM	Prep Date: 12/20/2005
Client ID:		Run ID: PIDFID_051221A		SeqNo: 434832	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5									
Surr: BFB	1113	0	1000	0	111	83.1	124	0			

Sample ID: mb-9440	Batch ID: 9440	Test Code: SW8021	Units: mg/Kg	Analysis Date: 12/21/2005 4:26:03 PM	Prep Date: 12/20/2005
Client ID:		Run ID: PIDFID_051221A		SeqNo: 434777	

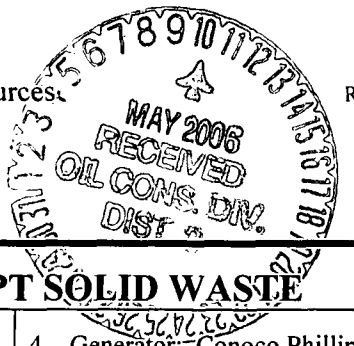
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.025									
Toluene	ND	0.025									
Ethylbenzene	ND	0.025									
Xylenes, Total	ND	0.025									
Surr: 4-Bromofluorobenzene	*1.055*	0	1	0	105	87.5	115	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ Brandon Powell 5/10/06 8:33a.m.	4. Generator: Conoco Phillips
	5. Originating Site: Sibyl Federal #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit C, S 32, T 27N, R 11W San Juan County	Project # 96052-518

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 10 cy soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4/21/06 revealed the following levels:
Arsenic 0.034 mg/Kg; Barium 3.84 mg/Kg; Cadmium 0.042mg/Kg; Chromium 0.262 mg/Kg; Lead 3.94 mg/Kg; Mercury nondetect; Selenium 0.014 mg/Kg; and Silver 0.002 mg/Kg.

CWS and analyticals are attached.

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: 5/10/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Sibyl Federal #1 API # 30-045-06195 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit C, Section 32, T27N, R11W 790' FNL & 1560' FWL San Juan County, New Mexico
4. Source and Description of Waste Approximately 10 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4-21-06 revealed the following levels: Arsenic 0.034 mg/Kg; Barium 3.84 mg/Kg; Cadmium 0.042 mg/Kg; Chromium 0.262 mg/Kg; Lead 3.94 mg/Kg; Mercury non-detect; Selenium 0.014 mg/Kg; and Silver 0.002 mg/Kg.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

_____ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
__X_ RCRA Hazardous Waste Analysis
____ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: May 9, 2006

15837

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	Sibyl Federal Well 1	
Sampler: Kevin Johnson	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 Metals						Remarks
Compressor Leak	4/19/06	13:25	36897	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kevin Johnson	4/20/06	09:18	[signature]	4/20/06	09:18
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

WO# 3877768

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Compressor Leak	Date Reported:	04-21-06
Laboratory Number:	36897	Date Sampled:	04-19-06
Chain of Custody:	15837	Date Received:	04-20-06
Sample Matrix:	Soil	Date Analyzed:	04-21-06
Preservative:	N/A	Date Digested:	04-20-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.034**	**0.001**	**5.0**
Barium	**3.84**	**0.001**	**100**
Cadmium	**0.042**	**0.001**	**1.0**
Chromium	**0.262**	**0.001**	**5.0**
Lead	**3.94**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.014**	**0.001**	**1.0**
Silver	**0.002**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Sibyl Federal Well 1.**

Christine Walters
Analyst

Review

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HOTECH LABS

TICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	04-21 TM QA/AC	Date Reported:	04-21-06
Laboratory Number:	36897	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	04-21-06
Condition:	N/A	Date Digested:	04-20-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.034**	**0.035**	**2.9%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**3.84**	**3.87**	**0.8%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.042**	**0.043**	**2.4%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.262**	**0.265**	**1.1%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**3.94**	**3.98**	**1.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**0.014**	**0.014**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**0.002**	**0.002**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.034**	**0.533**	**99.8%**	**80% - 120%**
Barium	**0.500**	**3.84**	**4.30**	**99.1%**	**80% - 120%**
Cadmium	**0.500**	**0.042**	**0.541**	**99.8%**	**80% - 120%**
Chromium	**0.500**	**0.262**	**0.760**	**99.7%**	**80% - 120%**
Lead	**0.500**	**3.94**	**4.41**	**99.3%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**0.014**	**0.513**	**99.8%**	**80% - 120%**
Silver	**0.500**	**0.002**	**0.502**	**100.0%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 36897.**

Christine M Walters
Analyst

Review

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

Date 4/21/06

Analylist

RCRA Trace Metals Analysis

Concentration (mg/Kg) **5.00 grams/50 ml**

No	Digestion Date	Sample	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
1	~~3/9/01~~	36897	.034	3.84	.042	.262	3.94	<.001	.014	.002
dupe			.035	3.87	.043	.265	3.98	<.001	.014	.002
2										
3										
4										
5										
6										
7										
8										
9										
10										
blank			<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Spike	Added		.500	.500	.500	.500	.500	.500	.500	.500
Spike	Result		.533	4.30	.541	.760	4.41	.499	.573	.502

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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval - Brandon Powell 8/17/06	4. Generator: The Hanover Company
	5. Originating Site: Gardner N 30 CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR): Section 25; T 32N; R 9W	Project #99043-027

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Used oil (Pegasus 505 Exxonmobil) leaked out of compressor package mixed with soil and gravel. Contaminated soil excavated from around units on site. RCRA metasl done 8/16/06 revealed the following levels: Arsenic 0.059 mg/Kg; Barium 11.8 mg/Kg; Cadmium 0.056 mg/Kg; Chromium 0.148 mg/Kg; Lead 0.320 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.001 mg/Kg.

CWS and analytical attached.

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

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 08/14/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust PHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir Spec DATE: 9/5/06

APPROVED BY: _____ TITLE: _____ DATE: _____

Hall Environmental Analysis Laboratory

Date: *05-Jan-06*

CLIENT: Blagg Engineering
Work Order: 0512228
Project: Atlantic B LS 1

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: **0512228-01AMS** Batch ID: **9445** Test Code: **SW8015** Units: **mg/Kg** Analysis Date: **12/22/2005 3:06:03 PM** Prep Date: **12/22/2005**
Client ID: **Prod.** Run ID: **FID(17A) 2_051222A** SeqNo: **435134**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44.79	10	50	0	89.6	67.4	117	0			
Surr: DNOP	5.119	0	5	0	102	74	125	0			

Sample ID: **0512228-01AMSD** Batch ID: **9445** Test Code: **SW8015** Units: **mg/Kg** Analysis Date: **12/22/2005 3:38:46 PM** Prep Date: **12/22/2005**
Client ID: **Prod.** Run ID: **FID(17A) 2_051222A** SeqNo: **435135**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43.56	10	50	0	87.1	67.4	117	44.79	2.77	17.4	
Surr: DNOP	5.014	0	5	0	100	74	125	5.119	2.07	0	

Sample ID: **0512228-02a ms** Batch ID: **9440** Test Code: **SW8015** Units: **mg/Kg** Analysis Date: **12/21/2005 6:28:37 PM** Prep Date: **12/20/2005**
Client ID: **Abandon #1** Run ID: **PIDFID_051221A** SeqNo: **434837**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28.05	5	25	0	112	84	120	0			
Surr: BFB	1155	0	1000	0	116	83.1	124	0			

Sample ID: **0512228-02a msd** Batch ID: **9440** Test Code: **SW8015** Units: **mg/Kg** Analysis Date: **12/21/2005 6:59:13 PM** Prep Date: **12/20/2005**
Client ID: **Abandon #1** Run ID: **PIDFID_051221A** SeqNo: **434838**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27.64	5	25	0	111	84	120	28.05	1.47	11.6	
Surr: BFB	1168	0	1000	0	117	83.1	124	1155	1.08	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval - Brandon Powell 8/17/06	4. Generator: The Hanover Company
	5. Originating Site: Gardner N 30 CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR): Section 25; T 32N; R 9W	Project #99043-027

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Used oil (Pegasus 505 Exxonmobil) leaked out of compressor package mixed with soil and gravel. Contaminated soil excavated from around units on site. RCRA metasl done 8/16/06 revealed the following levels: Arsenic 0.059 mg/Kg; Barium 11.8 mg/Kg; Cadmium 0.056 mg/Kg; Chromium 0.148 mg/Kg; Lead 0.320 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.001 mg/Kg.

CWS and analytical attached.

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

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 08/14/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust PHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BL TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

99043-027

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER 1286 TROY KING RD. FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): GARDNER N-30 CDP	Location of the Waste (Street address &/or ULSTR): S 25 T 32N R 9W
attach list of originating sites as appropriate	
4. Source and Description of Waste: USED OIL (PEGASUS 505 EXXONMOBIL) LEAKED OUT OF COMPRESSOR PACKAGE MIXED WITH SOIL AND GRAVEL. CONTAMINATED SOIL EXCAVATED FROM AROUND UNITS ON SITE	

I, MICHAEL BALCAR (Print Name) representative for :

HANOVER do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

____**EXEMPT** oilfield waste

____**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Balcar

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 8/14/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Hanover	Project #:	99043-027
Sample ID:	Spill Oil	Date Reported:	08-16-06
Laboratory Number:	38158	Date Sampled:	08-11-06
Chain of Custody:	1336	Date Received:	08-14-06
Sample Matrix:	Soil	Date Analyzed:	08-15-06
Preservative:	N/A	Date Digested:	08-15-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.059**	**0.001**	**5.0**
Barium	**11.8**	**0.001**	**100**
Cadmium	**0.056**	**0.001**	**1.0**
Chromium	**0.148**	**0.001**	**5.0**
Lead	**0.302**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Gardner N 30.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-15 TM QA/AC	Date Reported:	08-16-06
Laboratory Number:	38158	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-15-06
Condition:	N/A	Date Digested:	08-15-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.059	0.054	8.5%	0% - 30%
Barium	ND	ND	0.001	11.8	11.71	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.056	0.051	8.9%	0% - 30%
Chromium	ND	ND	0.001	0.148	0.150	1.5%	0% - 30%
Lead	ND	ND	0.001	0.302	0.302	0.1%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.059	0.555	99.4%	80% - 120%
Barium	0.500	11.8	12.1	98.5%	80% - 120%
Cadmium	0.500	0.056	0.556	100.0%	80% - 120%
Chromium	0.500	0.148	0.638	98.4%	80% - 120%
Lead	0.500	0.302	0.803	100.1%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.500	100.0%	80% - 120%
Silver	0.500	0.001	0.502	100.2%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38158 and 38165.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1336

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Hanover	Gardner #30	
Sampler:	Client No. 99043-027	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 METALS						Remarks
Spill oil	8/11/06		38158	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ruby Chavez	8/14/06	13:15	Christine M Walla	8/14/06	1315
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Mike 320-6030

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

san juan reproduction 578-129

District I
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District III
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL BRANDON POWELL 9/26/06	4. Generator: Hercules Oilfield Const Inc 5. Originating Site: Rosa 88 well site
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 8; T 31N; R 6W	Project # 06174-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with diesel #2 from a damaged diesel tank on a water truck. Leaked approximately 30 gal fuel.

CWS and MSDS for diesel #2 attached

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

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Environmental Geologist DATE: September 26, 2006

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 9-27-06

APPROVED BY: [signature] TITLE: Envir. Engr DATE: 10-18-06

RECEIVED

OCT 11 2006

Oil Conservation Division
1220 S. St. Francis Drive

Hall Environmental Analysis Laboratory

Date: 05-Jan-06

CLIENT: Blagg Engineering
Work Order: 0512228
Project: Atlantic B LS 1

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: **LCS-9478**	Batch ID: **9478**	Test Code: **E300**	Units: **mg/kg**	Analysis Date: **12/30/2005**	Prep Date: **12/29/2005**
Client ID:		Run ID: **LC_051230A**		SeqNo: **436878**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.09	0.3	15	0	93.9	90	110	0			

Sample ID: **LCS-9445**	Batch ID: **9445**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date: **12/22/2005 1:27:52 PM**	Prep Date: **12/22/2005**
Client ID:		Run ID: **FID(17A) 2_051222A**		SeqNo: **435131**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51.75	10	50	0	104	67.4	117	0			

Sample ID: **LCSD-9445**	Batch ID: **9445**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date: **12/22/2005 2:00:36 PM**	Prep Date: **12/22/2005**
Client ID:		Run ID: **FID(17A) 2_051222A**		SeqNo: **435132**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52.54	10	50	0	105	67.4	117	51.75	1.51	17.4	

Sample ID: **lcs-9440**	Batch ID: **9440**	Test Code: **SW8015**	Units: **mg/Kg**	Analysis Date: **12/21/2005 4:56:41 PM**	Prep Date: **12/20/2005**
Client ID:		Run ID: **PIDFID_051221A**		SeqNo: **434833**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28.45	5	25	0	114	84	120	0			

8/9

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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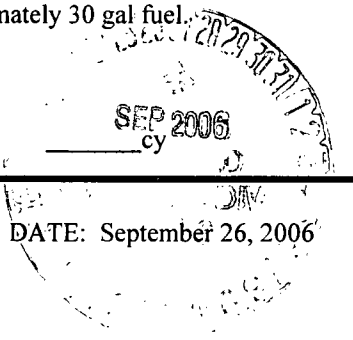

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: September 26, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Hercules Oilfield Construction, Inc 40 CR 6330 Kirtland, NM 87417	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Middle Mesa, 100 west of Rosa unit #88 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Sec. 8, township 31N, Range 6W
4. Source and Description of Waste A damaged diesel tank on water truck # WF10 Approx. 30 gallons of diesel fuel	

I, Zyra Beevers (Print Name) representative for :

Hercules Oilfield Construction, Inc do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

✓ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

✓ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Zyra Beevers

Title: Office Manager

Phone Number: 505-632-0858

Date: Sept. 26, 2006

MATERIAL SAFETY DATA SHEET
Conoco No. 2 Diesel Fuel

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Conoco No. 2 Diesel Fuel

Synonyms: Conoco - MSDS# GASC0220
Conoco No. 2 Diesel Fuel High Sulfur
Conoco No. 2 Diesel Fuel Low Sulfur

Intended Use: Fuel

Chemical Family: Petroleum Hydrocarbons

Responsible Party: ConocoPhillips
P.O. Box 2197
Houston, TX
77252

For Additional MSDSs 800-762-0942

Technical Information: 918-661-8327

The intended use of this product is indicated above. If any additional use is known, please contact us at the Technical Information number listed.

EMERGENCY OVERVIEW

24 Hour Emergency Telephone Numbers:
Spill, Leak, Fire or Accident
Call CHEMTREC
North America: (800)424-9300
Others: (703)527-3887 (collect)

California Poison Control System: (800) 356-3129

Health Hazards/Precautionary Measures: Causes severe skin irritation. Aspiration hazard if swallowed. Can enter lungs and cause damage. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash thoroughly after handling.

Physical Hazards/Precautionary Measures: Flammable liquid and vapor. Keep away from heat, sparks, flames, static electricity or other sources of ignition.

Appearance: Straw-colored to dyed red

Physical form: Liquid

Odor: Characteristic petroleum

NFPA Hazard Class:

Health: 1 (Slight)
Flammability: 2 (Moderate)
Reactivity: 0 (Least)

HMIS Hazard Class

Health: 3* (High)
Flammability: 2 (Moderate)
Physical Hazard: 0 (Least)

*Indicates possible chronic health effects.

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type

Diesel Fuel No. 2 CAS# 68476-34-6	100	100 mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	<1	10 ppm 15 ppm 10 ppm 250 ppm	ACGIH ACGIH OSHA NIOSH	TWA STEL TWA IDLH

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

1%=10,000 PPM.

All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

Skin: Severe skin irritant. Contact may cause redness, itching, burning, and severe skin damage. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin, leading to dermatitis (inflammation). Not acutely toxic by skin absorption, but prolonged or repeated skin contact may be harmful (see Section 11).

Inhalation (Breathing): No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion (Swallowing): Low degree of toxicity by ingestion. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Signs and Symptoms: Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract, nausea, diarrhea and transient excitation followed by signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue).

Cancer: Possible skin cancer hazard (see Sections 11 and 15).

Target Organs: There is limited evidence from animal studies that overexposure may cause injury to the kidney (see Section 11).

Developmental: Inadequate data available for this material.

Other Comments: This material may contain polynuclear aromatic hydrocarbons (PNAs) which have been known to produce a phototoxic reaction when contaminated skin is exposed to sunlight. The effect is similar in appearance to an exaggerated sunburn, and is temporary in duration if exposure is discontinued. Continued exposure to sunlight can result in more serious skin problems including pigmentation (discoloration), skin eruptions (pimples), and possible skin cancers.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin disorders and kidney disorders.

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Immediately remove contaminated shoes, clothing, and constrictive jewelry and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek immediate medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek immediate medical attention.

Inhalation (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing. Seek medical attention.

Note To Physicians: High-pressure hydrocarbon injection injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to assess the extent of injury.

5. FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 125-180°F/52-82°C PMCC, ASTM D-93
OSHA Flammability Class: Combustible liquid
LEL%: 0.3 / UEL%: 10.0
Autoignition Temperature: 500°F/260°C

Unusual Fire & Explosion Hazards: This material is flammable and can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, or mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). Vapors may travel considerable distances to a source of ignition where they can ignite, flash back, or explode. May create vapor/air explosion hazard indoors, in confined spaces, outdoors, or in sewers. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

Extinguishing Media: Dry chemical, carbon dioxide, or foam is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area, keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk.

Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Flammable. Keep all sources of ignition and hot metal surfaces away from spill/release. The use of explosion-proof equipment is recommended.

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard

area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Use foam on spills to minimize vapors (see Section 5). Spilled material may be absorbed into an appropriate absorbent material.

Notify fire authorities and appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (phone number 800-424-8802).

7. HANDLING AND STORAGE

Handling: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel to another. Can accumulate static charge by flow or agitation. Can be ignited by static discharge. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Refer to NFPA-704 and/or API RP 2003 for specific bonding/grounding requirements.

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8).

Do not wear contaminated clothing or shoes. Keep contaminated clothing away from sources of ignition such as sparks or open flames. Use good personal hygiene practices.

High pressure injection of hydrocarbon fuels, hydraulic oils or greases under the skin may have serious consequences even though no symptoms or injury may be apparent. This can happen accidentally when using high pressure equipment such as high pressure grease guns, fuel injection apparatus or from pinhole leaks in tubing of high pressure hydraulic oil equipment.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA regulations, ANSI Z49.1 and other references pertaining to cleaning, repairing, welding, or other contemplated operations.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post area "No Smoking or Open Flame." Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used (see appropriate electrical codes).

Personal Protective Equipment (PPE):

Respiratory: A NIOSH certified air purifying respirator with an organic vapor cartridge may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2).

Protection provided by air purifying respirators is limited (see manufacturer's respirator

selection guide). Use a NIOSH approved self-contained breathing apparatus (SCBA) or equivalent operated in a pressure demand or other positive pressure mode if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin: The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation, and skin damage. Examples of approved materials are nitrile, or Viton® (see glove manufacturer literature for information on permeability). Depending on conditions of use, apron and/or arm covers may be necessary.

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: Eye wash and quick-drench shower facilities should be available in the work area. Thoroughly clean shoes and wash contaminated clothing before reuse. It is recommended that impervious clothing be worn when skin contact is possible.

Suggestions for the use of specific protective materials are based on readily available published data. Users should check with specific manufacturers to confirm the performance of their products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).
Appearance: Straw-colored to dyed red
Physical State: Liquid
Odor: Characteristic petroleum
pH: Not applicable
Vapor Pressure (mm Hg): 0.40
Vapor Density (air=1): >3
Boiling Point/Range: 300-690°F / 366
Freezing/Melting Point: No Data
Solubility in Water: Negligible
Specific Gravity: 0.81-0.88 @60°F
Percent Volatile: Negligible
Evaporation Rate (nBuAc=1): <1
Viscosity: 1.7-4.1 cSt @40°F
Bulk Density: 7.08 lbs/gal
Flash Point: 125-180°F / 52-82°C PMCC, ASTM D-93
Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Flammable liquid and vapor. Vapor can cause flash fire.

Conditions To Avoid: Avoid all possible sources of ignition (see Sections 5 and 7).

Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

Hazardous Decomposition Products: The use of hydrocarbon fuels in an area without adequate ventilation may result in hazardous levels of combustion products (e.g., oxides of carbon, sulfur and nitrogen, benzene and other hydrocarbons) and/or dangerously low oxygen levels. ACGIH has included a TLV of 0.02 mg/m3 TWA for diesel exhaust particulate on its 2002 Notice of Intended Changes. See Section 11 for additional information on hazards of engine exhaust.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Diesel Fuel No. 2 (CAS# 68476-34-6)

Carcinogenicity: Chronic dermal application of certain middle distillate streams contained in diesel fuel No. 2 resulted in an increased incidence of skin tumors in mice. This material has not been identified as a carcinogen by NTP, IARC, or OSHA. IARC has classified Diesel exhaust as probably carcinogenic in humans.

Target Organ(s): Limited evidence of renal impairment has been noted from a few case reports involving excessive exposure to diesel fuel No. 2.

Naphthalene (CAS# 91-20-3)

Carcinogenicity: Naphthalene has been evaluated in two year inhalation studies in both rats and mice. The National Toxicology Program (NTP) concluded that there is clear evidence of carcinogenicity in male and female rats based on increased incidences of respiratory epithelial adenomas and olfactory epithelial neuroblastomas of the nose. NTP found some evidence of carcinogenicity in female mice (alveolar adenomas) and no evidence of carcinogenicity in male mice. Naphthalene has been identified as a carcinogen by IARC.

Acute Data:
Diesel Fuel No. 2
Dermal LD50>5ml/kg (Rabbit)
LC50=No data available
Oral LD50=9 ml/kg (Rat)

12. ECOLOGICAL INFORMATION

Not evaluated at this time

13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, would be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001) and benzene (D018). If the spilled or released material impacts soil, water, or other media, characteristic testing of the contaminated materials may be required prior to their disposal. Further, this material, once it becomes a waste, is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment prior to disposal to meet specific standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14. TRANSPORT INFORMATION

DOT Shipping Description: Diesel fuel,3 or Combustible liquid*,UN1202**,III

Non-Bulk Package Label: Flammable or None

Bulk Package Placard/Marking: Flammable/1202

Hazardous Substance/RQ	None
Packaging References	49 CFR 173.150, 173.203, 173.241
Emergency Response Guide:	128

Note: *This product may be reclassed as a combustible liquid when shipped domestically or by rail or highway. If reclassed as a combustible liquid, this product is not regulated by DOT when shipped in non-bulk packages.

**NA1993 may be used instead of UN1202 for land transportation.

15. REGULATORY INFORMATION

EPA SARA 311/312 (Title III Hazard Categories):

Acute Health:	Yes
Chronic Health:	Yes
Fire Hazard:	Yes
Pressure Hazard:	No
Reactive Hazard:	No

SARA 313 and 40 CFR 372:
This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

Component	CAS Number	Weight %
Naphthalene	91-20-3	<1

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

Component	Effect
Benzene	Cancer, Developmental and Reproductive Toxicant
Toluene	Developmental Toxicant

Diesel engine exhaust, while not a component of this material, is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

Carcinogen Identification:
This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any. Diesel exhaust is a probable cancer hazard based on tests in laboratory animals. It has been identified as a carcinogen by IARC.

EPA (CERCLA) Reportable Quantity:
--None--

Canada - Domestic Substances List: Listed

WHMIS Class:
B2-Flammable Liquid
D2B-Materials causing other toxic effects - Toxic Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Issue Date: 02/13/03

Previous Issue Date: 01/01/03
Revised Sections: 1, 3, 5, 16
MSDS Number: 041760
Status: Final

Disclaimer of Expressed and Implied Warranties:

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared. **HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.** No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

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State of New Mexico
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1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal Approval By BPowell w/OCD on 9/19/06	4. Generator: Enterprise Field Services LLC
	5. Originating Site: Kutz Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 15, T 15N, R 12W	Project #97057-133

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with used compressor oil from legacy leaks. Oil dripped from skid onto gravel. RCRA metals (total) testing completed 9/8/06 revealed the following levels: Arsenic 1.25 mg/kg; Barium 68.8 mg/Kg; Cadmium <0.0964 mg/Kg; Chromium 7.38 mg/Kg; Lead 9.03 mg/Kg; Selenium <1.54 mg/Kg; Silver <0.338 mg/Kg.

CWS and analyticals attached

Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Environmental Scientist DATE: September 18, 2006

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 9/19/06

APPROVED BY: [signature] TITLE: Envir Engr DATE: 9/26/06

SEP 2006

CLIENT: Blagg Engineering
Work Order: 0512228
Project: Atlantic B LS 1

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID: **lcs-9440** Batch ID: **9440** Test Code: **SW8021** Units: **mg/Kg** Analysis Date: **12/21/2005 4:56:41 PM** Prep Date: **12/20/2005**

Client ID: Run ID: **PIDFID_051221A** SeqNo: **434778**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.4019	0.025	0.42	0	95.7	85.6	116	0			
Toluene	2.096	0.025	1.9	0	110	82.4	120	0			
Ethylbenzene	0.4133	0.025	0.41	0	101	86.4	111	0			
Xylenes, Total	2.089	0.025	1.9	0	110	78.4	125	0			

7 / 8

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal Approval By BPowell w/OCD on 9/19/06	4. Generator: Enterprise Field Services LLC
	5. Originating Site: Kutz Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 15, T 15N, R 12W	Project #97057-133

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with used compressor oil from legacy leaks. Oil dripped from skid onto gravel. RCRA metals (total) testing completed 9/8/06 revealed the following levels: Arsenic 1.25 mg/kg; Barium 68.8 mg/Kg; Cadmium <0.0964 mg/Kg; Chromium 7.38 mg/Kg; Lead 9.03 mg/Kg; Selenium <1.54 mg/Kg; Silver <0.338 mg/Kg.

CWS and analyticals attached

Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Environmental Scientist DATE: September 18, 2006

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

SEP 2006

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Enterprise Field Services, LLC. 614 Reilly Avenue Farmington, NM 87401	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of Waste (Street address &/or ULSTR):
Kutz Compressor Station attach list of originating sites as appropriate	SE/4 – SW/4 – Sec 15, T15N, R12W NMPM
4. Source and Description of Waste Used oil / Soil – approximately 4 cubic yards From compressor skid, legacy leaks, dripped onto gravel - per Don Fernald	

I, Don Fernald representative for:
Print Name

Enterprise Field Services, LLC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

____ **EXEMPT** Oilfield waste

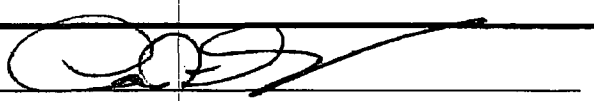
X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

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

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

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): 

Title: Environmental Scientist

Date: 9/18/06

612 E. Murray Drive
Farmington, NM 87401

Off: (505) 327-1072
Fax: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

September 12, 2006

Donald J. Fernald
Enterprise Products
614 Reilly Avenue
Farmington, NM 87401

TEL: (505) 599-2141
FAX: (505) 599-2119

RE: Order No.: 0609002

Dear Donald J. Fernald:

iiná bá received 1 sample on 9/1/2006 12:55:00 PM for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By: Jeffrey L Engels

Jeffrey Engels
Laboratory Director

Edwina Aspaas
Quality Assurance Officer

This certificate of analysis and respective material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the person responsible for delivering this to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify the laboratory immediately at 505-327-1072.

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá **Date:** *12-Sep-06*

CLIENT: Enterprise Products
Project:
Lab Order: 0609002

CASE NARRATIVE

Samples were analyzed using the methods outlined in one or more of the following references:
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.
Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.
Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
Methods for the Determination of Metals in Environmental Samples, Supplement I, EPA-600/R-94/111,
May 1994.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: *12-Sep-06*

CLIENT:	Enterprise Products	**Client Sample Info:**	
Work Order:	0609002	**Client Sample ID:**	Kutz Soil
Project:		**Collection Date:**	9/1/2006 12:40:00 PM
Lab ID:	0609002-001A	**Matrix:**	SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		**SW6010B**		**(SW3050B)**		Analyst: **jle**
Arsenic	< 1.25	1.25		mg/Kg	1	9/8/2006 12:17:27 PM
Barium	68.8	0.289		mg/Kg	1	9/8/2006 12:17:27 PM
Cadmium	< 0.0964	0.0964		mg/Kg	1	9/8/2006 12:17:27 PM
Chromium	7.38	0.820		mg/Kg	1	9/8/2006 12:17:27 PM
Lead	9.03	0.820		mg/Kg	1	9/8/2006 12:17:27 PM
Selenium	< 1.54	1.54		mg/Kg	1	9/8/2006 12:17:27 PM
Silver	< 0.338	0.338		mg/Kg	1	9/8/2006 12:17:27 PM
MERCURY, TOTAL		**SW7471**		**(SW7471)**		Analyst: **elc**
Mercury	< 0.199	0.199		mg/Kg	1	9/11/2006

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB_1372	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118375

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 1.29	1.29									
Barium	< 0.297	0.297									
Cadmium	< 0.0990	0.0990									
Chromium	< 0.841	0.841									
Lead	< 0.841	0.841									
Selenium	< 1.58	1.58									
Silver	< 0.346	0.346									

Sample ID: LCS_1372	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118376

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	44.99	1.30	50.07	0	89.9	75	125	0	0		
Barium	46.93	0.300	50.07	0	93.7	75	125	0	0		
Cadmium	50.32	0.100	50.07	0	100	75	125	0	0		
Chromium	48.45	0.851	50.07	0	96.8	75	125	0	0		
Lead	49.23	0.851	50.07	0	98.3	75	125	0	0		
Selenium	44.41	1.60	50.07	0	88.7	75	125	0	0		
Silver	49.56	0.350	50.07	0	99	75	125	0	0		

Sample ID: LCSD_1372	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118377

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	43.03	1.26	48.39	0	88.9	75	125	44.99	4.45	20	
Barium	45.38	0.290	48.39	0	93.8	75	125	46.93	3.36	20	
Cadmium	49.22	0.0968	48.39	0	102	75	125	50.32	2.21	20	
Chromium	46.67	0.823	48.39	0	96.4	75	125	48.45	3.75	20	
Lead	47.79	0.823	48.39	0	98.8	75	125	49.23	2.97	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Sep 19 2006 6:51AM Enterprise Products 505 599 2538 P.5

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: LCSD_1372	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118377

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	42.83	1.55	48.39	0	88.5	75	125	44.41	3.62	20	
Silver	47.6	0.339	48.39	0	98.4	75	125	49.56	4.03	20	

Sample ID: 0609002-001AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: Kutz Soil	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118379

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	37.82	1.25	48.12	0	78.6	75	125	0	0		
Barium	136.4	0.289	48.12	68.82	140	75	125	0	0		S
Cadmium	49.98	0.0962	48.12	0	104	75	125	0	0		
Chromium	52.96	0.818	48.12	7.384	94.7	75	125	0	0		
Lead	59.76	0.818	48.12	9.031	105	75	125	0	0		
Selenium	50.13	1.54	48.12	0	104	75	125	0	0		
Silver	51.66	0.337	48.12	0	107	75	125	0	0		

Sample ID: 0609002-001AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: Kutz Soil	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	37.54	1.30	49.99	0	75.1	75	125	37.82	0.722	20	
Barium	124.6	0.300	49.99	68.82	112	75	125	136.4	9.08	20	
Cadmium	48.57	0.100	49.99	0	97.2	75	125	49.98	2.86	20	
Chromium	49.79	0.850	49.99	7.384	84.8	75	125	52.96	6.16	20	
Lead	58.55	0.850	49.99	9.031	99.1	75	125	59.76	2.05	20	
Selenium	50.42	1.60	49.99	0	101	75	125	50.13	0.569	20	
Silver	50.29	0.350	49.99	0	101	75	125	51.66	2.68	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Sep 19 2006 6:51AM Enterprise Products 505 599 2538 P.6

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID: MB_1377	SampType: MBLK	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118428

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.200	0.200									

Sample ID: LCS_1377	SampType: LCS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118429

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.106	0.200	1	0	111	70	130	0	0		

Sample ID: LCSD_1377	SampType: LCSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.066	0.200	1.001	0	107	70	130	1.106	3.72	20	

Sample ID: 0609002-001AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: Kutz Soil	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118432

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.05	0.199	0.9938	0	106	70	130	0	0		

Sample ID: 0609002-001AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: Kutz Soil	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9936	0.199	0.9936	0	100	70	130	1.05	5.56	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Sep 19 2006 6:52AM Enterprise Products 505 599 2538 P.7

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: MB_1372	SampType: MBLK	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118375

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 1.29	1.29									
Barium	< 0.297	0.297									
Cadmium	< 0.0990	0.0990									
Chromium	< 0.841	0.841									
Lead	< 0.841	0.841									
Selenium	< 1.58	1.58									
Silver	< 0.346	0.346									

Sample ID: LCS_1372	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118376

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	44.99	1.30	50.07	0	89.9	75	125	0	0		
Barium	46.93	0.300	50.07	0	93.7	75	125	0	0		
Cadmium	50.32	0.100	50.07	0	100	75	125	0	0		
Chromium	48.45	0.851	50.07	0	96.8	75	125	0	0		
Lead	49.23	0.851	50.07	0	98.3	75	125	0	0		
Selenium	44.41	1.60	50.07	0	88.7	75	125	0	0		
Silver	49.56	0.350	50.07	0	99	75	125	0	0		

Sample ID: LCSD_1372	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118377

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	43.03	1.26	48.39	0	88.9	75	125	44.99	4.45	20	
Barium	45.38	0.290	48.39	0	93.8	75	125	46.93	3.36	20	
Cadmium	49.22	0.0968	48.39	0	102	75	125	50.32	2.21	20	
Chromium	46.67	0.823	48.39	0	96.4	75	125	48.45	3.75	20	
Lead	47.79	0.823	48.39	0	98.8	75	125	49.23	2.97	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Sep 19 2006 6:59AM Enterprise Products 505 599 2538 P.5

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: LCSD_1372	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: ZZZZZ	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118377

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	42.83	1.55	48.39	0	88.5	75	125	44.41	3.62	20	
Silver	47.6	0.339	48.39	0	98.4	75	125	49.56	4.03	20	

Sample ID: 0609002-001AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: Kutz Soil	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118379

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	37.82	1.25	48.12	0	78.6	75	125	0	0		
Barium	136.4	0.289	48.12	68.82	140	75	125	0	0		S
Cadmium	49.98	0.0962	48.12	0	104	75	125	0	0		
Chromium	52.96	0.818	48.12	7.384	94.7	75	125	0	0		
Lead	59.76	0.818	48.12	9.031	105	75	125	0	0		
Selenium	50.13	1.54	48.12	0	104	75	125	0	0		
Silver	51.66	0.337	48.12	0	107	75	125	0	0		

Sample ID: 0609002-001AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 9/6/2006	Run ID: ICP_1_060908A
Client ID: Kutz Soil	Batch ID: 1372	TestNo: SW6010B	(SW3050B)	Analysis Date: 9/8/2006	SeqNo: 118380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	37.54	1.30	49.99	0	75.1	75	125	37.82	0.722	20	
Barium	124.6	0.300	49.99	68.82	112	75	125	136.4	9.08	20	
Cadmium	48.57	0.100	49.99	0	97.2	75	125	49.98	2.86	20	
Chromium	49.79	0.850	49.99	7.384	84.8	75	125	52.96	6.16	20	
Lead	58.55	0.850	49.99	9.031	99.1	75	125	59.76	2.05	20	
Selenium	50.42	1.60	49.99	0	101	75	125	50.13	0.569	20	
Silver	50.29	0.350	49.99	0	101	75	125	51.66	2.68	20	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Enterprise Products
Work Order: 0609002
Project:

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID: MB_1377	SampType: MBLK	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118428

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.200	0.200									

Sample ID: LCS_1377	SampType: LCS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118429

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.106	0.200	1	0	111	70	130	0	0		

Sample ID: LCSD_1377	SampType: LCSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: ZZZZZ	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.066	0.200	1.001	0	107	70	130	1.106	3.72	20	

Sample ID: 0609002-001AMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: Kutz Soil	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118432

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.05	0.199	0.9938	0	106	70	130	0	0		

Sample ID: 0609002-001AMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 9/11/2006	Run ID: AA_060911A
Client ID: Kutz Soil	Batch ID: 1377	TestNo: SW7471	(SW7471)	Analysis Date: 9/11/2006	SeqNo: 118433

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9936	0.199	0.9936	0	100	70	130	1.05	5.56	20	

Qualifiers: ND - Not Detected at the Reporting Limit; J - Analyte detected below quantitation limits; S - Spike Recovery outside accepted recovery limits; R - RPD outside accepted recovery limits; B - Analyte detected in the associated Method Blank

Sep 19 2006 6:59AM Enterprise Products 505 599 2538 P.7

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State of New Mexico
Energy Minerals and Natural Resources

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Santa Fe, NM 87505

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 9/18/06	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 32-8 #248
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: L&R
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; Sec 11; T 31N; R 8W San Juan County	Project #96052-648

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 3 cy soil and oil from around compressor from cleaning of location. RCRA metals testing completed 8/24/06 revealed the following levels: Arsenic 0.117 mg/Kg; Barium 8.93 mg/Kg; Cadmium 0.079 mg/Kg; Chromium 0.268 mg/Kg; Lead 0.545 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.002 mg/Kg.

CWS and analyticals attached

Estimated Volume 3 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 09/15/06

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 9/15/06

APPROVED BY: [signature] TITLE: ENVIRO ENGR DATE: 9/20/06

Hall Environmental Analysis Laboratory

Sample Receipt Checklist

Client Name BLAGG | Date and Time Received: 12/20/2005

Work Order Number 0512228 | Received by LMM

Checklist completed by Signature [signature] Date 12/20/05

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **4°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding

Comments:

Corrective Action

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CWS and analyticals attached

Estimated Volume 3 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 09/15/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): San Juan 32-8 248 **API# 30-045-283490** **hCOP** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- P S-11 T- 31N R- 8W** **San Juan County, New Mexico** Street Address: _____
4. Source and Description of Waste **Cleaning oil contaminated soil around well head and pump jack Approx. 3 cu yds soil. Transporter L&R.**	
5. WO 4096299	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
__X_RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 9/15/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

96052-648

Client:	ConocoPhillips	Project #:	96052-026-001
Sample ID:	Pumping Unit Gearbox	Date Reported:	08-24-06
Laboratory Number:	38274	Date Sampled:	08-22-06
Chain of Custody:	1366	Date Received:	08-23-06
Sample Matrix:	Soil	Date Analyzed:	08-24-06
Preservative:	N/A	Date Digested:	08-23-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.117**	**0.001**	**5.0**
Barium	**8.93**	**0.001**	**100**
Cadmium	**0.079**	**0.001**	**1.0**
Chromium	**0.268**	**0.001**	**5.0**
Lead	**0.545**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.002**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 32-8 #248**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-001
Sample ID:	Well Head	Date Reported:	08-24-06
Laboratory Number:	38275	Date Sampled:	08-22-06
Chain of Custody:	1366	Date Received:	08-23-06
Sample Matrix:	Soil	Date Analyzed:	08-24-06
Preservative:	N/A	Date Digested:	08-23-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.199**	**0.001**	**5.0**
Barium	**31.0**	**0.001**	**100**
Cadmium	**0.142**	**0.001**	**1.0**
Chromium	**0.561**	**0.001**	**5.0**
Lead	**5.19**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.002**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 32-8 #248**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-24 TM QA/AC	Date Reported:	08-24-06
Laboratory Number:	38272	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-24-06
Condition:	N/A	Date Digested:	08-23-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.094	0.092	2.1%	0% - 30%
Barium	ND	ND	0.001	7.83	7.80	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.073	0.075	2.7%	0% - 30%
Chromium	ND	ND	0.001	0.202	0.200	1.0%	0% - 30%
Lead	ND	ND	0.001	0.463	0.460	0.6%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.094	0.592	99.7%	80% - 120%
Barium	0.500	7.83	8.31	99.8%	80% - 120%
Cadmium	0.500	0.073	0.572	99.8%	80% - 120%
Chromium	0.500	0.202	0.701	99.9%	80% - 120%
Lead	0.500	0.463	0.961	99.8%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.499	99.8%	80% - 120%
Silver	0.500	0.001	0.500	99.9%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 38272 - 38275**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1366

Client / Project Name	Project Location
ConocoPhillips	SJ 32-8 # 248
Sampler: Mike Morris	Client No. 96052-026-263

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 METALS						Remarks
PUMPING UNIT GEAR BOX	8/22/06	11:00	38274	SOIL	1	✓						
WELL HEAD	↓	↓	38275	↓	1	✓						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/22/06	11:30	[signature]	8/23/06	11:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Copy Ed Hasely

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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State of New Mexico
Energy Minerals and Natural Resources

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval - Brandon Powell 9/18/06	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 32-8 #234
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: L&R
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; Sec 21; T 31N; R 8W San Juan County	Project #96052-646

9. Circle One:

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

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 3 cy soil and oil from around well head and pump jack from cleaning of location. RCRA metals testing completed 8/15/06 revealed the following levels: Arsenic 0.106 mg/Kg; Barium 8.61 mg/Kg; Cadmium 0.111 mg/Kg; Chromium 0.255 mg/Kg; Lead 0.570 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.002 mg/Kg.

CWS and analyticals attached

Estimated Volume 3 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 09/15/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir Spec DATE: 9/15/06

APPROVED BY: _____ TITLE: Envir Supervisor DATE: 9/26/06

SEP 2006

Operator:	**BP America Production Company (BP)**
Well Name:	**ATLANTIC B LS #1**
Well Site location:	990 ft. FNL, 990 ft. FEL, Unit A, Sec. 33, T31N, R10W
Pit Type:	Abandon Pit (I)
Producing Formation:	Mesa Verde
Pit Category:	Vulnerable
Vicinity Groundwater Depth:	> 100 ft.
Horizontal Distance to Surface Water:	< 200 ft.
Wellhead Protection Area:	> 1,000 ft.
Topographic Map:	Aztec, New Mexico (provisional edition 1985)

RISK ASSESSMENT (vulnerable area)

Pit remediation activities was terminated when no evidence of pit use in the past or present was observed during the closure.

No past or future threat to surface water or groundwater is likely based on the following considerations:

1. Groundwater levels located on or close to the well pad are estimated to be at a much greater depth below the sampling depth (5 to 6 ft. below grade).

2. Site inspection did not indicate off site lateral fluid migration from the earthen pit toward any down gradient surface water area estimated at greater than 150 feet (reference: topographic map listed above).

3. The total petroleum hrdrocardons lab results (149 milligrams per kilogram or mg/kg) were slightly above the NMOCD standards determined for the site (100 mg/kg).

Based upon the information given, it is postulated that the subsurface vertical and horizontal impact from the earthen pit is very limited and that no apparent threat is imminent to groundwater, the environment, or to humans. BP therefore request pit closure approval on this location.

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Energy Minerals and Natural Resources

Oil Conservation Division
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CWS and analyticals attached

Estimated Volume 3 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 09/15/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): San Juan 32-8 234 **API# 30-045-283240** **hCOP** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- P S-21 T- 31N R- 8W** **San Juan County, New Mexico** Street Address: _____
4. Source and Description of Waste **Cleaning oil contaminated soil around well head and pump jack Approx. 3 cu yds soil. Transporter L&R.**	
5. WO 4096299	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
_X__RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 9/15/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

96052-646

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Comp	Date Reported:	08-15-06
Laboratory Number:	38144	Date Sampled:	08-10-06
Chain of Custody:	1328	Date Received:	08-11-06
Sample Matrix:	Soil	Date Analyzed:	08-14-06
Preservative:	N/A	Date Digested:	08-14-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.106**	**0.001**	**5.0**
Barium	**8.61**	**0.001**	**100**
Cadmium	**0.111**	**0.001**	**1.0**
Chromium	**0.255**	**0.001**	**5.0**
Lead	**0.570**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.002**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 32-8 #234 COPC Yard.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-14 TM QA/AC	Date Reported:	08-15-06
Laboratory Number:	38144	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-14-06
Condition:	N/A	Date Digested:	08-14-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.106	0.107	0.7%	0% - 30%
Barium	ND	ND	0.001	8.61	8.63	0.3%	0% - 30%
Cadmium	ND	ND	0.001	0.111	0.111	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.255	0.255	0.0%	0% - 30%
Lead	ND	ND	0.001	0.570	0.575	0.8%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.106	0.610	100.6%	80% - 120%
Barium	0.500	8.61	9.11	100.0%	80% - 120%
Cadmium	0.500	0.111	0.607	99.3%	80% - 120%
Chromium	0.500	0.255	0.755	99.9%	80% - 120%
Lead	0.500	0.570	1.064	99.4%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.500	100.0%	80% - 120%
Silver	0.500	0.002	0.502	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38144 - 38145.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1328

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	SJ 32-8 #234	
Sampler: F. McDonald	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX-8021					Remarks
Comp	8/10/06	11:30	381044	Soil	1	X					COPC Yard

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
F. McDonald	8/11/06	11:45	Randy Wall	8/11/06	11:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Charge Code:

4103205

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 10/6/06	4. Generator: POGO Producing Co
	5. Originating Site: Phillips Rio Arriba A-1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit M; S 11; T 29N; R 5W Rio Arriba County	Project # 05127-003

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with unused motor oil caused by leak in reservoir storage tank

CWS and MSDS for Mobil Pegasus 505 attached

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

OCT 2006 RECEIVED OIL CONS. DIV. DIST. 3

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 10/06/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir Spec DATE: 10-6-06

APPROVED BY: [signature] TITLE: ENVIRO ENGR DATE: 10-26-06

RECEIVED
OCT 11 2006
Oil Conservation Division
1220 S. St. Francis
Santa F

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-08-BTEX QA/QC	Date Reported:	05-09-06
Laboratory Number:	37035	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-08-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	5.9909E+007	6.0030E+007	**0.2%**	**ND**	**0.2**
Toluene	7.7906E+007	7.8062E+007	**0.2%**	**ND**	**0.2**
Ethylbenzene	4.5069E+007	4.5159E+007	**0.2%**	**ND**	**0.2**
p,m-Xylene	1.4621E+008	1.4651E+008	**0.2%**	**ND**	**0.2**
o-Xylene	7.2793E+007	7.2939E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**11.5**	**11.4**	**0.9%**	**0 - 30%**	**1.8**
Toluene	**66.4**	**66.4**	**0.0%**	**0 - 30%**	**1.7**
Ethylbenzene	**31.4**	**31.4**	**0.0%**	**0 - 30%**	**1.5**
p,m-Xylene	**99.9**	**99.7**	**0.2%**	**0 - 30%**	**2.2**
o-Xylene	**40.2**	**40.2**	**0.0%**	**0 - 30%**	**1.0**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**11.5**	**50.0**	**61.5**	**100.0%**	**39 - 150**
Toluene	**66.4**	**50.0**	**116**	**99.9%**	**46 - 148**
Ethylbenzene	**31.4**	**50.0**	**81.2**	**99.8%**	**32 - 160**
p,m-Xylene	**99.9**	**100**	**198**	**98.9%**	**46 - 148**
o-Xylene	**40.2**	**50.0**	**90.0**	**99.8%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References:

Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 37035 - 37042 and 37048 - 37049..**

Christine M Walters
Analyst

Review

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Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

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	5. Originating Site: Phillips Rio Arriba A-1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit M; S 11; T 29N; R 5W Rio Arriba County	Project # 05127-003

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

OCT 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with unused motor oil caused by leak in reservoir storage tank

CWS and MSDS for Mobil Pegasus 505 attached

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 10/06/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

05127-003

632 1865

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
POGO PRODUCING CO 300 N. MARIENFELD SUITE 600 MIDLAND TX 79701	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): PHILLIPS - RIO ARRIBA A-1 M-SEC 11 T29N R5W attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): RIO ARRIBA COUNTY, NEW MEXICO
4. Source and Description of Waste SOIL FROM LOCATION STAINED W/ UNUSED MOTOR OIL CAUSED BY LEAK IN RESERVOIR STORAGE TANK.	

I, BRADLEY W. SOLZMAN representative for :
Print Name

POGO PRODUCING, CO. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Bradley W Solzman

Title: OPERATIONS SUPERVISOR

Phone Number: (505) 486-1701

Date: 10-06-06

605816-00 MOBIL PEGASUS 505
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 505
SUPPLIER: EXXONMOBIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037
24 - Hour Health and Safety Emergency (call collect): 609-737-4411
24 - Hour Transportation Emergency (Primary) CHEMTREC: 800-424-9300
(Secondary) 281-834-3296
Product and Technical Information:
Lubricants and Specialties: 800-662-4525 800-443-9966
Fuels Products: 800-947-9147
MSDS Fax on Demand: 613-228-1467
MSDS Internet Website: http://emmsds.lhbsolutions.com/

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: SEVERE TREAT MIN. OILS & ADDITIVES
GLOBALLY REPORTABLE MSDS INGREDIENTS:

Substance Name	Approx. Wt%
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (SYNTHETIC) (61789-86-4)	1-5

OTHER INGREDIENTS:

Substance Name	Approx. Wt%
POLY BUTENYL SUCCINIMIDE	1-5

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15).
EMERGENCY OVERVIEW: Dark Amber Liquid. DOT ERG No. : NA
POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.
For further health effects/toxicological data, see Section 11.

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. Remove and clean oil soaked clothing daily and wash affected area. (See

...action to = injection injury)
INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.
INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

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.
COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Flash Point C(F): > 232(450) (ASTM D-92).
Flammable Limits (Approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%
NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center 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:
LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of absorbent recovered as directed in Section 13.
WATER SPILL: Contine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.
ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegeration.
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: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.
SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.
EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:
When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)
VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.
RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.
EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.
SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.
APPEARANCE: Liquid
COLOR: Dark Amber
ODOR: Mild
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 288(550)
MELTING POINT C(F): NA
FLASH POINT C(F): > 232(450) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: < 0.1
VAPOR DENSITY: > 2.0
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.887
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: 126.0
VISCOSITY AT 100 C, cSt: 13.3
POUR POINT C(F): < -15(5)

FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES
FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
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 0 but 15 or less). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: 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 various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

Not expected to be sensitizing based on tests of this product, components, or similar products.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:
In the absence of specific environmental data for this product, this assessment is based on information for representative products.
ECOTOXICITY: Available ecotoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.
MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.
PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.
BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. 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 an appropriate government 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. The unused product is not formulated with substances covered 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.
STATIC ACCUMULATOR (50 picosiemens or less): YES

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.
EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.
Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, MITT, and DSL.
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 subject to the supplier notification requirements of 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
PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2:1) (SDSP) (0.26%)	68649-42-3	22

--- REGULATORY LISTS SEARCHED ---

1=ACGIH ALL	6=TARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK	
2=ACGIH A1	7=TARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293	
3=ACGIH A2	8=TARC 2B	13=TSCA 5e	18=CA RTK	23=MN RTK	
4=NTP CARC	9=OSHA CARC	14=TSCA 6	19=FL RTK	24=NJ RTK	
5 NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK	
				26=RI RTK	

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: NATURAL GAS ENGINE OIL.
NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.
Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:
INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.
INDUSTRIAL LABEL:
Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.
****
For Internal Use Only: MRC: 1* 3* 1* 1* 1*, MPPEC: A, TPN: 605916-00, PLTS: 488274, CMCS97: 970607, REQ: US - MARKETING, SAFE USE: 1
EHS Approval Date: 19SEP2002
****

Legally required information is given in accordance with applicable
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
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
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to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL BRANDON POWELL 10/20/06	4. Generator: Schlumberger 5. Originating Site: San Juan 32-8 #34M
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit J; S 22; T 31N; R 8W San Juan County	Project #97033-008

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with diesel when hose came off fuel line while fueling equipment.

CWS and MSDS for #2 diesel attached.

RCUD OCT23

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 10/20/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Environmental Specialist DATE: 10/23/06

APPROVED BY: _____ TITLE: Environmental Engineer DATE: 11/13/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	05-08-06 QA/QC	Date Reported:	05-09-06
Laboratory Number:	37035	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-08-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	02-04-05	1.6659E+003	1.6675E+003	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	02-04-05	1.7386E+003	1.7421E+003	**0.20%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**0.2**	**0.2**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**2.8**	**2.8**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**0.2**	**250**	**250**	**99.9%**	**75 - 125%**
Diesel Range C10 - C28	**2.8**	**250**	**252**	**99.8%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37035 - 37042 and 37048 - 37049.**

Analyst

Review

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

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1625 N. French Dr., Hobbs, NM 88240
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1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL BRANDON POWELL 10/20/06	4. Generator: Schlumberger
	5. Originating Site: San Juan 32-8 #34M
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit J; S 22; T 31N; R 8W San Juan County	Project #97033-008

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with diesel when hose came off fuel line while fueling equipment.

CWS and MSDS for #2 diesel attached.

Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 10/20/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

OIL CONS. DIV.

(This space for State Use)

APPROVED BY: BL TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

RCVD OCT 23 '06
OIL CONS. DIV.

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Schlumberger Well Services 3106 Bloomfield Hwy. Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico

3. Originating Site (name): Location of the Waste (Street address &/or ULSTR):

CONOCO Inc. SJU 32 – 8 34M
Sec. 22 – T31N – R08W Unit J San Juan County, New Mexico

attach list of originating sites as appropriate

4. Source and Description of Waste

While fueling equipment from fuel truck end came off hose. Estimated 50 gallons was spilled on the ground before valves got closed.

I, Stephan R. Sword representative for : Schlumberger Well Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

____**EXEMPT** oilfield waste

X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature) Stephan R. Sword via e - mail

Title: Supply Manager

Phone Number: (505) 325 - 5096
Date: 20 October 2006
Date: 20 October 2006

Material Safety Data Sheet

NO. 2 DIESEL FUEL

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

No. 2 Diesel Fuel

MSDS Code: GASC0220 Revised: 12-Oct-2000
Version: 3

CAS Number: 68476-34-6

Tradenames: Diesel Fuel No. 2, Low Sulfur
Diesel Fuel No. 2, High Sulfur

MANUFACTURER/DISTRIBUTOR
Conoco Inc.
PO Box 2197
Houston, TX 77252

PHONE NUMBERS
Product Information : 1-281-293-5550
Transport Emergency : CHEMTREC 1-800-424-9300 or
1-703-527-3887 (international; call collect)
Medical Emergency : 1-800-342-5119 or 1-281-493-2767
WEB SITE : www.conoco.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	%
Diesel Fuel, No. 2	68476-34-6	100

Note
Sulfur content: <0.05 wt.% in low sulfur fuel
<0.5 wt.% in high sulfur fuel

Exposure limits
Petroleum distillate standard applies. (See Section 8.)

3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR
Red or Undyed (Clear or Straw-Colored) Liquid / Aromatic Odor

OSHA REGULATORY STATUS
This material is hazardous as defined under OSHA regulations.
Combustible.
See below for health effects.

HMIS RATING: Health: 1; Flammability: 2; Reactivity: 0.
NFPA RATING: Health: 0; Flammability: 2; Instability: 0.

Potential Health Effects
Primary Routes of Entry: Skin, inhalation

The product may cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure. Extreme overexposure or aspiration into the lungs may cause lung damage or death. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater overexposure may cause dizziness, slurred speech, flushed face, unconsciousness, and convulsions.

Combustion Product - Carbon Monoxide:
Carbon monoxide decreases the ability of the blood to carry oxygen. Inhalation may cause headache, nausea, rapid respirations, vomiting, dizziness, confusion, impaired judgement, personality changes, memory impairment, weakness, shortness of breath, unconsciousness, convulsions and death if not treated. It may cause chest pains in persons with heart disease. Carbon monixde poisoning can cause pallor (whiteness) or cyanosis (blueness) of the skin and extremities.
High exposures to carbon monoxide may cause heart irregularities. Carbon monoxide may adversely affect the unborn babies of pregnant women.

Carcinogenicity Information
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. FIRST AID MEASURES

First Aid
INHALATION
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

SKIN CONTACT
Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

EYE CONTACT
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INGESTION
If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians
Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: 130 F (54 C)
Method	: PMCC
Flammable limits in Air, % by Volume	
LEL	: 0.4
UEL	: 6
Autoignition	: 494 F (257 C)

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

Extinguishing Media
Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions
Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from sources of potential ignition.

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)
NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, flame, impact, friction and electricity including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion proof and suitable for flammable liquid and vapor.

NOTE: Vapors released from the spill may create an explosive atmosphere.

Initial Containment
Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up
Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Handling (Personnel)
Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)
Ground container when pouring. Keep away from heat, sparks and flames. Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty container. Empty container retains residue (liquid and/or vapor)

, and may explode in heat of fire.

Storage
Store in a well ventilated place. Keep container tightly closed. Store in accordance with National Fire Protection Association recommendations. Store away from heat, sparks and flames, oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment
RESPIRATORY PROTECTION
Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Select appropriate NIOSH -approved respiratory protection where necessary to maintain exposures below acceptable limits. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES
Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

EYE PROTECTION
Safety glasses with side shields. Chemical splash goggles or face shield for spray/mists or if splashing can occur.

OTHER PROTECTIVE EQUIPMENT
Coveralls with long sleeves if splashing is probable.

Applicable Exposure Limits
Petroleum distillate standard applies.
PEL (OSHA) : 500 ppm, 2000 mg/m3, 8 Hr. TWA
TLV (ACGIH) : None Established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 350-690 F (177-366 C)
Vapor Pressure	: 1 mm Hg @ 68 F (20 C)
Vapor Density	: >1 (Air=1.0)
% Volatiles	: Nil
Solubility in Water	: Insoluble
Odor	: Aromatic.
Form	: Liquid.
Color	: Red or Undyed (Clear or Straw-Colored)
Specific Gravity	: 0.84-0.88 @ 60 F (15 C))

10. STABILITY AND REACTIVITY

Chemical Stability
Stable at normal temperatures and storage conditions.

Conditions to Avoid
Heat, sparks, and flames.

Incompatibility with Other Materials
Incompatible or can react with strong oxidizers.

Decomposition
Carbon monoxide may be formed from incomplete combustion.

Polymerization
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Animal Data
Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.

Mouse skin painting studies have shown that petroleum middle distillates (boiling range 100-700 F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils. Other laboratory studies indicate that middle distillates caused the skin tumors by promoting, rather than initiating, the formation of tumors, so the effect is probably dose-related and low level exposure should not be carcinogenic.

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lungs and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen. The National Toxicology Program (NTP) listed diesel exhaust particulates as "reasonably anticipated to be a human carcinogen" (Report on Carcinogens, 9th edition, 2001).

Acute toxicity data from studies supported by the American Petroleum Institute with a generic #2 fuel oil sample:

Oral, LD50 (rats)	: 7-21 mL/kg
Skin, LD50 (rabbits)	: >5 mL/kg
Skin Irritation (rabbits; index, 0-8)	: 3-4
Eye Irritation (rabbits; index, 0-110)	: 1
Skin Sensitization (guinea pigs)	: Non-sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicological Information

No specific aquatic data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

Container Disposal
Empty drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All other containers should be disposed of in an environmentally safe manner.

14. TRANSPORTATION INFORMATION

Shipping Information

DOT

Proper Shipping Name	: Diesel fuel
Hazard Class	: Combustible liquid
I.D. No. (UN/NA)	: NA1993
Packing Group	: III
DOT Label(s)	: None
DOT Placard	: Combustible

ICAO/IMDG

Proper Shipping Name	: Gas Oil
Hazard Class	: 3
UN/NA Number	: UN1202
Packing Group	: III
Label	: Flammable liquid
Placard	: Flammable

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION
This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND
Not applicable; this material is covered by the CERCLA petroleum exclusion.

SARA, TITLE III, 302/304
This material is not known to contain extremely hazardous substances.

SARA, TITLE III, 311/ 312

Acute	: Yes
Chronic	: Yes
Fire	: Yes
Reactivity	: No
Pressure	: No

SARA, TITLE III, 313
This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TSCA
This material is in the TSCA Inventory of Chemical Substances (40 CFR 710) and/or is otherwise in compliance with TSCA.

RCRA
This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it meets criteria for being ignitable according to U. S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT
The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

Ingredient	: Petroleum Hydrocarbons.
Reportable Quantity	: Film or sheen upon or discoloration of any water surface.

State Regulations (U.S.)
CALIFORNIA "PROP 65"
This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT
This material may contain the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Hazardous Substances List.

Ingredient	: Diesel Fuel Oil
Category	: Hazardous Substance.

Canadian Regulations
CLASS B Division 3 - Combustible Liquid.
CLASS D Division 2 Subdivision B - Toxic Material, Chronic Toxic Effects.

16. OTHER INFORMATION

Additional Information: None.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Prepared By	: MSDS Coordinator Conoco Inc.
Address	: PO Box 2197 Houston, TX 77252
Telephone	: 1-281-293-4386

# Indicates updated section.

District I
1625 N. French Dr., Hobbs, NM 88240
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Form C-138
Revised March 17, 1999

Submit Original
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to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ 8/07/06 verbal approval Brandon Powell effective 8/6/06 EMERGENCY SITUATION	4. Generator: Halliburton Energy Services 5. Originating Site: Truck accident
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Navajo Dam spillway - Hwy 511 mm 14	Project # 92132-041

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept sludge from cleanup of material from truck accident at Navajo Dam spillway. Water was vacuumed up as much as possible and area was steam cleaned to finish the cleanup effort.
RCRA metals testing done 8/5/06 revealed the following levels: Arsenic nondetect; Barium 0.250 mg/Kg; Cadmium 0.003 mg/Kg; Chromium 0.003 mg/Kg; Lead nondetect; Mercury nondetect; Selenium 0.001 mg/Kg; Silver nondetect.
Charlie Perrin, District Supervisor NMOCD and State Police Sgt Albert Montoya agreed water vacuumed up was acceptable to transport to Envirotech Landfarm 2 to be used for dust suppression.

CWS for water and sludge material, analyticals, MSDS for diesel #2, Chevron antifreeze, Chevron Delo motor oil,Chevron rock drill oil, Chevron hydraulic oil and Chevron automatic transmission oil attached

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: August 7, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir Spec DATE: 8/9/06

APPROVED BY: [signature] TITLE: ENVIRO ENGR DATE: 8/30/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-11-BTEX QA/QC	Date Reported:	04-11-06
Laboratory Number:	36727	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-11-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	7.7839E+007	7.7995E+007	0.2%	ND	0.2
Toluene	7.9555E+007	7.9715E+007	0.2%	ND	0.2
Ethylbenzene	5.3656E+007	5.3764E+007	0.2%	ND	0.2
p,m-Xylene	1.4535E+008	1.4564E+008	0.2%	ND	0.2
o-Xylene	6.4768E+007	6.4898E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	10.0	10.0	0.0%	0 - 30%	1.8
Toluene	801	800	0.1%	0 - 30%	1.7
Ethylbenzene	1,070	1,060	0.9%	0 - 30%	1.5
p,m-Xylene	9,480	9,470	0.1%	0 - 30%	2.2
o-Xylene	3,130	3,120	0.3%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	10.0	50.0	59.9	99.8%	39 - 150
Toluene	801	50.0	849	99.8%	46 - 148
Ethylbenzene	1,070	50.0	1,110	99.1%	32 - 160
p,m-Xylene	9,480	100	9,550	99.7%	46 - 148
o-Xylene	3,130	50.0	3,160	99.4%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 36727 - 36733.**

Analyst

Review

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.,
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ 8/07/06 verbal approval Brandon Powell effective 8/6/06 EMERGENCY SITUATION	4. Generator: Halliburton Energy Services
	5. Originating Site: Truck accident
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Navajo Dam spillway - Hwy 511 mm 14	Project # 92132-041

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept sludge from cleanup of material from truck accident at Navajo Dam spillway. Water was vacuumed up as much as possible and area was steam cleaned to finish the cleanup effort.
RCRA metals testing done 8/5/06 revealed the following levels: Arsenic nondetect; Barium 0.250 mg/Kg; Cadmium 0.003 mg/Kg; Chromium 0.003 mg/Kg; Lead nondetect; Mercury nondetect; Selenium 0.001 mg/Kg; Silver nondetect.
Charlie Perrin, District Supervisor NMOCD and State Police Sgt Albert Montoya agreed water vacuumed up was acceptable to transport to Envirotech Landfarm 2 to be used for dust suppression.

CWS for water and sludge material, analyticals, MSDS for diesel #2, Chevron antifreeze, Chevron Delo motor oil,Chevron rock drill oil, Chevron hydraulic oil and Chevron automatic transmission oil attached

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: August 7, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: Enviro Spec DATE: 8/9/06

APPROVED BY: TITLE: DATE:

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Services Inc 4107 E Main Farmington NM 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Navajo Dam Spillway attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Hwy 511 mm 14
4. Source and Description of Waste Accept clean water from spill @ Navajo Dam. Pumped out and sent to Landfarm for dust suppression. Authorized by Charlie Perrin and Al Marquez	

I, Gary Winn (Print Name) representative for :

Halliburton do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

X **EXEMPT** oilfield waste

___ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gary Winn

Title: HSE Tech Professional

Phone Number: 505-324-3540

Date: 8-7-06

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Navajo Dam Spillway attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Accept clean water from spill @ Navajo Dam. Pumped out and sent to Landfarm for dust suppression	

I, Gary Winn (Print Name) representative for :

Halliburton do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

X **EXEMPT** oilfield waste

___ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gary Winn

Title: HSE Tech Professional

Phone Number: 505-324-3540

Date:

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	S - 1	Date Reported:	08-07-06
Laboratory Number:	38063	Date Sampled:	08-06-06
Chain of Custody No:	1283	Date Received:	08-06-06
Sample Matrix:	Soil	Date Extracted:	08-07-06
Preservative:	Cool	Date Analyzed:	08-07-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Navajo Dam Spillway**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified

Nonhalogenated Volatile Organics

Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-07-TPH QA/QC	Date Reported:	08-07-06
Laboratory Number:	38063	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-20-06	1.8435E-002	1.8417E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-20-06	1.5938E-002	1.5922E-002	**0.10%**	**0 - 15%**

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38063**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132-041
Sample ID:	S - 1	Date Reported:	08-08-06
Laboratory Number:	38063	Date Sampled:	08-06-06
Chain of Custody:	1283	Date Received:	08-06-06
Sample Matrix:	Soil	Date Analyzed:	08-07-06
Preservative:	Cool	Date Extracted:	08-07-06
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	**ND**	**1.8**
Toluene	**ND**	**1.7**
Ethylbenzene	**ND**	**1.5**
p,m-Xylene	**ND**	**2.2**
o-Xylene	**ND**	**1.0**
Total BTEX	**ND**	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	**97.0 %**
	1,4-difluorobenzene	**97.0 %**
	Bromochlorobenzene	**97.0 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Navajo Dam Spillway**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	08-07-BTEX QA/QC	Date Reported:	08-08-06
Laboratory Number:	38063	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.8245E+006	1.8281E+006	0.2%	ND	0.2
Toluene	1.0032E+008	1.0052E+008	0.2%	ND	0.2
Ethylbenzene	5.3449E+007	5.3557E+007	0.2%	ND	0.2
p,m-Xylene	1.8851E+008	1.8888E+008	0.2%	ND	0.2
o-Xylene	9.2593E+007	9.2779E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	ND	ND	0.0%	0 - 30%	1.8
Toluene	ND	ND	0.0%	0 - 30%	1.7
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.5
p,m-Xylene	ND	ND	0.0%	0 - 30%	2.2
o-Xylene	ND	ND	0.0%	0 - 30%	1.0

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	50.0	100.0%	39 - 150
Toluene	ND	50.0	49.9	99.8%	46 - 148
Ethylbenzene	ND	50.0	50.0	100.0%	32 - 160
p,m-Xylene	ND	100	99.9	99.9%	46 - 148
o-Xylene	ND	50.0	49.9	99.8%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Sample 38063**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	S - 1	Date Reported:	08-08-06
Laboratory Number:	38063	Date Sampled:	08-06-06
Chain of custody:	1283	Date Received:	08-06-06
Sample Matrix:	Soil	Date Analyzed:	08-08-06
Preservative:	Cool	Date Concentrated:	08-07-06
Condition:	Cool & Intact	Analysis Requested:	8100

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Naphthalene	ND	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	ND	0.2
Anthracene	ND	0.2
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Indeno[1,2,3-cd] pyrene	ND	0.2
Benzo[a]anthracene	ND	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY	Parameter	Percent Recovery
	1-fluoronapthalene	98%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **Navajo Dam Spillway.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Laboratory Blank	Date Reported:	08-08-06
Laboratory Number:	QA/QC	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-08-06
Condition:	N/A	Analysis Requested:	8100

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Naphthalene	ND	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	ND	0.2
Anthracene	ND	0.2
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Benzo[a]anthracene	ND	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Indeno[1,2,3]pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY:	Parameter	Percent Recovery
	1-fluoronapthalene	99.0%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for sample 38063**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-08-06
Laboratory Number:	08-08-PAH QA/QC	Date Sampled:	N/A
Chain of custody:	N/A	Date Received:	N/A
Sample Matrix:	Water	Date Analyzed:	08-08-06
Preservative:	N/A	Date Concentrated:	08-07-06
Condition:	N/A	Analysis Requested:	8100

Parameter	oncentration (ug/L)	Det. Limit (ug/L)
Naphthalene	ND	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	ND	0.2
Anthracene	ND	0.2
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Indeno[1,2,3-cd] pyrene	ND	0.2
Benzo[a]anthracene	ND	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY	Parameter	Percent Recovery
	1-fluoronapthalene	99%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for Sample 38063**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Matrix Duplicate	Date Reported:	08-08-06
Laboratory Number:	38063	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	8100	Date Analyzed:	08-08-06
Condition:	N/A		

Parameter	Sample Result (ug/Kg)	Duplicate Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Difference
Naphthalene	ND	ND	0.2	0.0%
Acenaphthylene	ND	ND	0.2	0.0%
Acenaphthene	ND	ND	0.2	0.0%
Fluorene	ND	ND	0.2	0.0%
Phenanthrene	ND	ND	0.2	0.0%
Anthracene	ND	ND	0.2	0.0%
Fluoranthene	ND	ND	0.2	0.0%
Pyrene	ND	ND	0.2	0.0%
Indeno[1,2,3-cd] pyrene	ND	ND	0.2	0.0%
Benzo[a]anthracene	ND	ND	0.2	0.0%
Chrysene	ND	ND	0.2	0.0%
Benzo(b)fluoranthene	ND	ND	0.2	0.0%
Benzo[k]fluoranthene	ND	ND	0.2	0.0%
Benzo(a)pyrene	ND	ND	0.2	0.0%
Dibenzo[a,h]anthracene	ND	ND	0.2	0.0%
Benzo(g,h,i)perylene	ND	ND	0.2	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for sample 38063**

Analyst

Review

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VIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Matrix Spike	Date Reported:	08-08-06
Laboratory Number:	38063	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	8100	Date Analyzed:	08-08-06
Condition:	N/A		

Parameter	Sample Result (ug/Kg)	Spike Added (ug/Kg)	Spiked Sample Result (ug/Kg)	Det. Limit (ug/Kg)	Percent Recovery	SW-846 % Rec. Accept. Range
Naphthalene	ND	100	99.9	0.2	99.9%	10-122
Acenaphthylene	ND	100	100	0.2	100%	10-139
Acenaphthene	ND	100	99.9	0.2	99.9%	10-124
Fluorene	ND	100	100	0.2	100%	10-142
Phenanthrene	ND	100	100	0.2	100%	10-155
Anthracene	ND	100	100	0.2	100%	10-126
Fluoranthene	ND	10.0	9.9	0.2	99.0%	14-123
Pyrene	ND	10.0	9.9	0.2	99.0%	10-140
Indeno[1,2,3-cd] pyrene	ND	20.0	19.9	0.2	99.5%	10-116
Benzo[a]anthracene	ND	10.0	9.9	0.2	99.0%	12-135
Chrysene	ND	10.0	9.9	0.2	99.0%	10-199
Benzo(b)fluoranthene	ND	10.0	9.9	0.2	99.0%	10-150
Benzo[k]fluoranthene	ND	5.0	5.0	0.2	100.0%	10-159
Benzo(a)pyrene	ND	10.0	9.9	0.2	99.0%	10-128
Dibenzo[a,h]anthracene	ND	10.0	9.9	0.2	99.0%	10-110
Benzo(g,h,i)perylene	ND	10.0	9.9	0.2	99.0%	10-116

ND - Parameter not detected at the stated detection limit.

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for sample 38063**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1283

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Halliburton	Navajo Dam Spillway	

Sampler:	Client No.
MPM	92132-041

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015	8021	PAH				Remarks
~~bkg~~ S-1	8/6/06	1403	38063	soil	3	✓	✓	✓				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/6/06	1936	[signature]	8/6/06	1936
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	Background	Date Reported:	08-07-06
Laboratory Number:	38061	Date Sampled:	08-05-06
Chain of Custody No:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Extracted:	08-07-06
Preservative:	Cool	Date Analyzed:	08-07-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	**ND**	**0.2**
Diesel Range (C10 - C28)	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Navajo**

Analyst

Review

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ENVIRO-TECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	Impacted Area	Date Reported:	08-07-06
Laboratory Number:	38062	Date Sampled:	08-05-06
Chain of Custody No:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Extracted:	08-07-06
Preservative:	Cool	Date Analyzed:	08-07-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/L)	Det. Limit (mg/L)
Gasoline Range (C5 - C10)	**83.0**	**0.2**
Diesel Range (C10 - C28)	**335**	**0.1**
Total Petroleum Hydrocarbons	**418**	**0.2**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Navajo**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	08-07-TPH QA/QC	Date Reported:	08-07-06
Laboratory Number:	38061	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	06-20-06	1.8435E-002	1.8417E-002	**0.10%**	**0 - 15%**
Diesel Range C10 - C28	06-20-06	1.5938E-002	1.5906E-002	**0.20%**	**0 - 15%**

Blank Conc. (mg/L)	Concentration	Detection Limit
Gasoline Range C5 - C10	**ND**	**0.2**
Diesel Range C10 - C28	**ND**	**0.1**
Total Petroleum Hydrocarbons	**ND**	**0.2**

Duplicate Conc. (mg/L)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	**ND**	**ND**	**0.0%**	**0 - 30%**
Diesel Range C10 - C28	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (mg/L)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	**ND**	**250**	**250**	**100.0%**	**75 - 125%**
Diesel Range C10 - C28	**ND**	**250**	**250**	**100.0%**	**75 - 125%**

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 38061 - 38062**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	Impacted Area	Date Reported:	08-08-06
Laboratory Number:	38062	Date Sampled:	08-05-06
Chain of custody:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-08-06
Preservative:	Cool	Date Concentrated:	08-07-06
Condition:	Cool & Intact	Analysis Requested:	8100

Parameter	oncentration (ug/L)	Det. Limit (ug/L)
Naphthalene	75.2	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	36.2	0.2
Anthracene	0.8	0.2
Fluoranthene	9.2	0.2
Pyrene	30.4	0.2
Benzo[a]anthracene	28.7	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Indeno[1,2,3]pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY	Parameter	Percent Recovery
	1-fluoronapthalene	97.8%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **Navajo**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132-041
Sample ID:	Background	Date Reported:	08-08-06
Chain of Custody:	1282	Date Sampled:	08-05-06
Laboratory Number:	38061	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-07-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**ND**	**1**	**0.2**
Toluene	**ND**	**1**	**0.2**
Ethylbenzene	**ND**	**1**	**0.2**
p,m-Xylene	**ND**	**1**	**0.2**
o-Xylene	**ND**	**1**	**0.1**
Total BTEX	**ND**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**99.8 %**
	1,4-difluorobenzene	**99.8 %**
	4-bromochlorobenzene	**99.8 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Navajo**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132-041
Sample ID:	Impacted Area	Date Reported:	08-08-06
Chain of Custody:	1282	Date Sampled:	08-05-06
Laboratory Number:	38062	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-07-06
Preservative:	Cool	Analysis Requested:	BTEX
Condition:	Cool & Intact		

Parameter	Concentration (ug/L)	Dilution Factor	Det. Limit (ug/L)
Benzene	**22.8**	**1**	**0.2**
Toluene	**36.1**	**1**	**0.2**
Ethylbenzene	**20.1**	**1**	**0.2**
p,m-Xylene	**71.0**	**1**	**0.2**
o-Xylene	**28.4**	**1**	**0.1**
Total BTEX	**178**		

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	fluorobenzene	**99.8 %**
	1,4-difluorobenzene	**99.8 %**
	4-bromochlorobenzene	**99.8 %**

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **Navajo**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS
QUALITY ASSURANCE REPORT

Client:	N/A	Project #:	N/A
Sample ID:	08-07-BTEX QA/QC	Date Reported:	08-08-06
Laboratory Number:	38061	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-07-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	1.8226E+006	1.8281E+006	**0.30%**	**ND**	**0.2**
Toluene	1.0022E+008	1.0052E+008	**0.30%**	**ND**	**0.2**
Ethylbenzene	5.3396E+007	5.3557E+007	**0.30%**	**ND**	**0.2**
p,m-Xylene	1.8832E+008	1.8888E+008	**0.30%**	**ND**	**0.2**
o-Xylene	9.2500E+007	9.2779E+007	**0.30%**	**ND**	**0.1**

Duplicate Conc. (ug/L)	Sample	Duplicate	%Diff.	Accept Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**
Toluene	**ND**	**ND**	**0.0%**	**0 - 30%**
Ethylbenzene	**ND**	**ND**	**0.0%**	**0 - 30%**
p,m-Xylene	**ND**	**ND**	**0.0%**	**0 - 30%**
o-Xylene	**ND**	**ND**	**0.0%**	**0 - 30%**

Spike Conc. (ug/L)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Limits
Benzene	**ND**	**50.0**	**49.9**	**99.8%**	**39 - 150**
Toluene	**ND**	**50.0**	**50.0**	**100.0%**	**46 - 148**
Ethylbenzene	**ND**	**50.0**	**49.9**	**99.7%**	**32 - 160**
p,m-Xylene	**ND**	**100**	**99.8**	**99.8%**	**46 - 148**
o-Xylene	**ND**	**50.0**	**49.9**	**99.9%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for samples 38061 - 38062**

Analyst

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ENVIRO-TECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons

Client:	Halliburton	Project #:	92132-041
Sample ID:	Background	Date Reported:	08-08-06
Laboratory Number:	38061	Date Sampled:	08-05-06
Chain of custody:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-08-06
Preservative:	Cool	Date Concentrated:	08-07-06
Condition:	Cool & Intact	Analysis Requested:	8100

Parameter	oncentration (ug/L)	Det. Limit (ug/L)
Naphthalene	**ND**	**0.2**
Acenaphthylene	**ND**	**0.2**
Acenaphthene	**ND**	**0.2**
Fluorene	**ND**	**0.2**
Phenanthrene	**ND**	**0.2**
Anthracene	**ND**	**0.2**
Fluoranthene	**ND**	**0.2**
Pyrene	**ND**	**0.2**
Benzo[a]anthracene	**ND**	**0.2**
Chrysene	**ND**	**0.2**
Benzo(b)fluoranthene	**ND**	**0.2**
Benzo[k]fluoranthene	**ND**	**0.2**
Benzo(a)pyrene	**ND**	**0.2**
Indeno[1,2,3]pyrene	**ND**	**0.2**
Dibenzo[a,h]anthracene	**ND**	**0.2**
Benzo(g,h,i)perylene	**ND**	**0.2**

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY	Parameter	Percent Recovery
	1-fluoronapthalene	**98.7%**

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **Navajo**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Laboratory Blank	Date Reported:	08-08-06
Laboratory Number:	QA/QC	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-08-06
Condition:	N/A	Analysis Requested:	8100

Parameter	Concentration (ug/L)	Det. Limit (ug/L)
Naphthalene	ND	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	ND	0.2
Anthracene	ND	0.2
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Benzo[a]anthracene	ND	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Indeno[1,2,3]pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY:	Parameter	Percent Recovery
	1-fluoronapthalene	99.0%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for samples 38061 - 38062.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	08-08-06
Laboratory Number:	08-08-PAH QA/QC	Date Sampled:	N/A
Chain of custody:	N/A	Date Received:	N/A
Sample Matrix:	Water	Date Analyzed:	08-08-06
Preservative:	N/A	Date Concentrated:	08-07-06
Condition:	N/A	Analysis Requested:	8100

Parameter	oncentration (ug/L)	Det. Limit (ug/L)
Naphthalene	ND	0.2
Acenaphthylene	ND	0.2
Acenaphthene	ND	0.2
Fluorene	ND	0.2
Phenanthrene	ND	0.2
Anthracene	ND	0.2
Fluoranthene	ND	0.2
Pyrene	ND	0.2
Indeno[1,2,3-cd] pyrene	ND	0.2
Benzo[a]anthracene	ND	0.2
Chrysene	ND	0.2
Benzo(b)fluoranthene	ND	0.2
Benzo[k]fluoranthene	ND	0.2
Benzo(a)pyrene	ND	0.2
Dibenzo[a,h]anthracene	ND	0.2
Benzo(g,h,i)perylene	ND	0.2

ND - Parameter not detected at the stated detection limit.

SURROGATE RECOVERY	Parameter	Percent Recovery
	1-fluoronapthalene	99%

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for samples 38061 - 38062.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Matrix Duplicate	Date Reported:	08-08-06
Laboratory Number:	38061	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	8100	Date Analyzed:	08-08-06
Condition:	N/A		

Parameter	Sample Result (ug/L)	Duplicate Sample Result (ug/L)	Det. Limit (ug/L)	Percent Difference
Naphthalene	ND	ND	0.2	0.0%
Acenaphthylene	ND	ND	0.2	0.0%
Acenaphthene	ND	ND	0.2	0.0%
Fluorene	ND	ND	0.2	0.0%
Phenanthrene	ND	ND	0.2	0.0%
Anthracene	ND	ND	0.2	0.0%
Fluoranthene	ND	ND	0.2	0.0%
Pyrene	ND	ND	0.2	0.0%
Benzo[a]anthracene	ND	ND	0.2	0.0%
Chrysene	ND	ND	0.2	0.0%
Benzo(b)fluoranthene	ND	ND	0.2	0.0%
Benzo[k]fluoranthene	ND	ND	0.2	0.0%
Benzo(a)pyrene	ND	ND	0.2	0.0%
Indeno[1,2,3]pyrene	ND	ND	0.2	0.0%
Dibenzo[a,h]anthracene	ND	ND	0.2	0.0%
Benzo(g,h,i)perylene	ND	ND	0.2	0.0%

ND - Parameter not detected at the stated detection limit.

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for samples 38061 - 38062.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8100
Polynuclear Aromatic Hydrocarbons
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	Matrix Spike	Date Reported:	08-08-06
Laboratory Number:	38061	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	8100	Date Analyzed:	08-08-06
Condition:	N/A		

Parameter	Sample Result (ug/L)	Spike Added (ug/L)	Spiked Sample Result (ug/L)	Det. Limit (ug/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Naphthalene	ND	100.0	99.9	0.2	99.9%	10-122
Acenaphthylene	ND	100.0	99.9	0.2	99.9%	10-139
Acenaphthene	ND	100.0	99.9	0.2	99.9%	10-124
Fluorene	ND	100.0	99.9	0.2	99.9%	10-142
Phenanthrene	ND	100.0	99.9	0.2	99.9%	10-155
Anthracene	ND	100.0	99.9	0.2	99.9%	10-126
Fluoranthene	ND	10.0	9.99	0.2	99.9%	14-123
Pyrene	ND	10.0	9.99	0.2	99.9%	10-140
Benzo[a]anthracene	ND	10.0	9.98	0.2	99.8%	10-116
Chrysene	ND	10.0	9.98	0.2	99.8%	12-135
Benzo(b)fluoranthene	ND	10.0	9.98	0.2	99.8%	10-199
Benzo[k]fluoranthene	ND	5.0	4.99	0.2	99.8%	10-150
Benzo(a)pyrene	ND	10.0	9.98	0.2	99.8%	10-159
Indeno[1,2,3]pyrene	ND	10.0	9.99	0.2	99.9%	10-128
Dibenzo[a,h]anthracene	ND	10.0	9.98	0.2	99.8%	10-110
Benzo(g,h,i)perylene	ND	10.0	9.99	0.2	99.9%	10-116

ND - Parameter not detected at the stated detection limit.

References: Method 8100, Polynuclear Aromatic Hydrocarbons, Test Methods for Evaluating Soild Waste, SW-846, USEPA, September 1986.

Comments: **QA/QC for samples 38061 - 38062.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1282

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Haliburton	Navajo	
Sampler: G. Craltree	Client No. 92132-041	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015/8021	TCLP Metals	PAH				Remarks
Background	8/5/06	1325	38061	liquid	4	✓	✓	✓				
Impacted Area	8/5/06	1340	38062	liquid	4	✓	✓	✓				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
April E Pohl	8/5/06	16:30	[signature]	8/5/06	16:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132-041
Sample ID:	Background	Date Reported:	08-05-06
Laboratory Number:	38061	Date Sampled:	08-05-06
Chain of Custody:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-05-06
Preservative:	Cool	Date Extracted:	N/A
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**ND**	**0.001**	**5.0**
Barium	**0.250**	**0.001**	**100**
Cadmium	**0.003**	**0.001**	**1.0**
Chromium	**0.003**	**0.001**	**5.0**
Lead	**ND**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.001**	**0.001**	**1.0**
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, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Navajo** Background

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132-041
Sample ID:	Impacted Area	Date Reported:	08-05-06
Laboratory Number:	38062	Date Sampled:	08-05-06
Chain of Custody:	1282	Date Received:	08-05-06
Sample Matrix:	Liquid	Date Analyzed:	08-05-06
Preservative:	Cool	Date Extracted:	N/A
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.004**	**0.001**	**5.0**
Barium	**0.309**	**0.001**	**100**
Cadmium	**0.003**	**0.001**	**1.0**
Chromium	**0.005**	**0.001**	**5.0**
Lead	**ND**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.003**	**0.001**	**1.0**
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, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Navajo**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	08-05-TCM QA/QC	Date Reported:	08-05-06
Laboratory Number:	38061	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	08-05-06
Condition:	N/A	Date Extracted:	N/A

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**0.250**	**0.248**	**0.8%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.003**	**0.003**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.003**	**0.003**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**0.001**	**0.001**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Barium	**0.500**	**0.250**	**0.748**	**99.7%**	**80% - 120%**
Cadmium	**0.500**	**0.003**	**0.503**	**100.0%**	**80% - 120%**
Chromium	**0.500**	**0.003**	**0.505**	**100.4%**	**80% - 120%**
Lead	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**0.001**	**0.500**	**99.8%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 38061 - 38062**

Analyst

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CHAIN OF CUSTODY RECORD

1282

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Haliburton	Navajo	

Sampler:	Client No.
G. Craltree	92132-041

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8015/8021	TCLP Metals	PAH				Remarks
Backgrounds	8/5/06	1325	38061	liquid	4	✓	✓	✓				
Impacted Area	8/5/06	1340	38062	liquid	4	✓	✓	✓				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
April E Pohl	8/5/06	16:30		8/5/06	16:30
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

DIESEL FUEL No. 2 300 gallons

Product Use: Fuel
Product Number(s): CPS203410 [See Section 16 for Additional Product Numbers]
Synonyms: 15 S Diesel Fuel 2, Alternative Low Aromatic Diesel (ALAD), Calco LS Diesel 2, Calco ULS DF2, Calco ULS Diesel 2, Chevron LS Diesel 2, Chevron ULS Diesel 2, Diesel Fuel Oil, Diesel Grade No. 2, Diesel No. 2-D S15, Diesel No. 2-D S500, Diesel No. 2-D S5000, Distillates, straight run, Gas Oil, HS Diesel 2, HS Heating Fuel 2, Light Diesel Oil Grade No. 2-D, LS Diesel 2, LS Heating Fuel 2, Marine Diesel, RR Diesel Fuel, Texaco Diesel, Texaco Diesel No. 2, Ultra Low Sulfur Diesel 2
Company Identification
Chevron Products Company
Marketing, MSDS Coordinator
6001 Bollinger Canyon Road
San Ramon, CA 94583
United States of America

Transportation Emergency Response
CHEMTREC: (800) 424-9300 or (703) 527-3887
Health Emergency
Chevron Emergency Information Center: Located in the USA. International collect calls accepted. (800) 231-0623 or (510) 231-0623
Product Information
MSDS Requests: (800) 689-3998
Technical Information: (510) 242-5357

SPECIAL NOTES: This MSDS covers all Chevron and Calco non-CARB Diesel No. 2 Fuels. The sulfur content is less than 0.5% (mass). Red dye is added to non-taxable fuel. (MSDS 6894)

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Diesel Fuel No. 2	68476-34-6	100 %wt/wt
Distillates, hydrodesulfurized, middle	64742-80-9	0 - 100 %wt/wt
Distillates, straight run middle (gas oil, light)	64741-44-2	0 - 100 %wt/wt
Kerosine	8008-20-6	0 - 25 %wt/wt
Kerosine, hydrodesulfurized	64742-81-0	0 - 25 %wt/wt
Distillates (petroleum), light catalytic cracked	64741-59-9	0 - 50 %wt/wt
Naphthalene	91-20-3	0.02 - 0.2 %wt/wt
Total sulfur	None	0 - 0.5 %wt/wt

Information on ingredients that are considered Controlled Products and/or that appear on the WHMIS Ingredient Disclosure List (IDL) is provided as required by the Canadian Hazardous Products Act (HPA, Sections 13 and 14). Ingredients considered hazardous under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, are also listed. See Section 15 for additional regulatory information.

SECTION 3 HAZARDS IDENTIFICATION

****

EMERGENCY OVERVIEW

- COMBUSTIBLE LIQUID AND VAPOR
- HARMFUL OR FATAL IF SWALLOWED - MAY CAUSE LUNG DAMAGE IF SWALLOWED
- CAUSES SKIN IRRITATION
- MAY CAUSE CANCER BASED ON ANIMAL DATA
- TOXIC TO AQUATIC ORGANISMS

****

IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation.
Skin: Contact with the skin causes irritation. Skin contact may cause drying or defatting of the skin. Symptoms may include pain, itching, discoloration, swelling, and blistering. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin.
Ingestion: Because of its low viscosity, this material can directly enter the lungs, if swallowed, or if subsequently vomited. Once in the lungs it is very difficult to remove and can cause severe injury or death. May be irritating to mouth, throat, and stomach. Symptoms may include pain, nausea, vomiting, and diarrhea.
Inhalation: Mists of this material may cause respiratory irritation. Symptoms of respiratory irritation may include coughing and difficulty breathing. Breathing this material at concentrations above the recommended exposure limits may cause central nervous system effects. Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion, or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors or convulsions, loss of consciousness, coma or death.

DELAYED OR OTHER HEALTH EFFECTS:

Cancer: Prolonged or repeated exposure to this material may cause cancer. Whole diesel engine exhaust has been classified as a Group 2A carcinogen (probably carcinogenic to humans) by the International Agency for Research on Cancer (IARC). Diesel exhaust particulate has been classified as reasonably anticipated to be a human carcinogen in the National Toxicology Program's Ninth Report on Carcinogens. The National Institute of Occupational Safety and Health (NIOSH) has recommended that whole diesel exhaust be regarded as potentially causing cancer. Diesel engine exhaust is known to the State of California to cause cancer. Contains naphthalene, which has been classified as a Group 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).
See Section 11 for additional information. Risk depends on duration and level of exposure.

SECTION 4 FIRST AID MEASURES

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.
Skin: Wash skin with water immediately and remove contaminated clothing and shoes. Get medical attention if any symptoms develop. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Ingestion: If swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.
Note to Physicians: Ingestion of this product or subsequent vomiting may result in aspiration of light hydrocarbon liquid, which may cause pneumonitis.

SECTION 5 FIRE FIGHTING MEASURES

See Section 7 for proper handling and storage.

FLAMMABLE PROPERTIES:
Flashpoint: (Pensky-Martens Closed Cup) 52 °C (125 °F) (Min)
Autoignition: 257 °C (494 °F)
Flammability (Explosive) Limits (% by volume in air): Lower: 0.6 Upper: 4.7

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.
PROTECTION OF FIRE FIGHTERS:
Fire Fighting Instructions: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator.
Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.
Reporting: Report spills to local authorities as appropriate or required.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive force. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 29C (85F).
Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Do not breathe vapor or fumes. Do not breathe mist. Wash thoroughly after handling. Keep out of the reach of children.
Unusual Handling Hazards: WARNING! Do not use as portable heater or appliance fuel. Toxic fumes may accumulate and cause death.
General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.
General Storage Information: DO NOT USE OR STORE near heat, sparks, flames, or hot surfaces . USE AND STORE ONLY IN WELL VENTILATED AREA. Keep container closed when not in use.
Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all

instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
Skin Protection: Wear protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted. Suggested materials for protective gloves include: Chlorinated Polyethylene (or Chlorosulfonated Polyethylene), Nitrile Rubber, Polyurethane, Viton.
Respiratory Protection: Determine if airborne concentrations are below the recommended occupational exposure limits for jurisdiction of use. If airborne concentrations are above the acceptable limits, wear an approved respirator that provides adequate protection from this material, such as: Air-Purifying Respirator for Organic Vapors.
When used as a fuel, this material can produce carbon monoxide in the exhaust. Determine if airborne concentrations are below the occupational exposure limit for carbon monoxide. If not, wear an approved positive-pressure air-supplying respirator.
Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.
Occupational Exposure Limits:

Component	Country/ Agency	TWA	STEL	Ceiling	Notation
Diesel Fuel No. 2	ACGIH	100 mg/m3	--	--	Skin A3 total hydrocarbon
Diesel Fuel No. 2	CVX	--	1000 mg/m3	--	--
Kerosine	ACGIH	200 mg/m3	--	--	Skin A3 Total hydrocabon vapor
Kerosine	CVX	--	1000 mg/m3	--	--
Kerosine, hydrodesulfurized	ACGIH	200 mg/m3	--	--	Skin A3 Total hydrocabon vapor
Kerosine, hydrodesulfurized	CVX	--	1000 mg/m3	--	--
Naphthalene	ACGIH	10 ppm (weight)	15 ppm (weight)	--	Skin

NOTE ON OCCUPATIONAL EXPOSURE LIMITS: Consult local authorities for acceptable provincial values in Canada. Consult the Canadian Standards Association Standard 94.4-2002 Selection, Use and Care of Respirators.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Varies depending on specification
Physical State: Liquid
Odor: Petroleum odor
pH: Not Applicable
Vapor Pressure: 0.04 kPa (Approximate) @ 40 °C (104 °F)
Vapor Density (Air = 1): >1
Boiling Point: 175.6°C (348°F) - 370°C (698°F)
Solubility: Soluble in hydrocarbons; insoluble in water
Freezing Point: Not Applicable
Melting Point: Not Applicable
Specific Gravity: 0.8 - 0.88 @ 15.6°C (60.1°F) (Typical)

Viscosity: 1.9 cSt - 4.1 cSt @ 40°C (104°F)
Odor Threshold: No Data Available
Coefficient of Water/Oil Distribution: No Data Available

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Incompatibility With Other Materials: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition Products: None known (None expected)
Hazardous Polymerization: Hazardous polymerization will not occur.
Sensitivity to Mechanical Impact: No.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS
Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.
Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.
Skin Sensitization: This material did not cause skin sensitization reactions in a Buehler guinea pig test.
Acute Dermal Toxicity: LD50: >5ml/kg (rabbit).
Acute Oral Toxicity: LD50: > 5 ml/kg (rat)
Acute Inhalation Toxicity: 4 hour(s) LC50: > 5mg/l (rat). For additional information on the acute toxicity of the components, call the technical information center.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains gas oils.
CONCAWE (product dossier 95/107) has summarized current health, safety and environmental data available for a number of gas oils, typically hydrodesulfurized middle distillates, CAS 64742-80-9, straight-run middle distillates, CAS 64741-44-2, and/or light cat-cracked distillate CAS 64741-59-9. CARCINOGENICITY: All materials tested have caused the development of skin tumors in mice, but all featured severe skin irritation and sometimes a long latency period before tumors developed. Straight-run and cracked gas oil samples were studied to determine the influence of dermal irritation on the carcinogenic activity of middle distillates. At non-irritant doses the straight-run gas oil was not carcinogenic, but at irritant doses, weak activity was demonstrated. Cracked gas oils, when diluted with mineral oil, demonstrated carcinogenic activity irrespective of the occurrence of skin irritation. Gas oils were tested on male mice to study tumor initiating/promoting activity. The results demonstrated that while a straight-run gas oil sample was neither an initiator or promotor, a blend of straight-run and FCC stock was both a tumor initiator and a promoter.
GENOTOXICITY: Hydrotreated & hydrodesulfurized gas oils range in activity from inactive to weakly positive in in-vitro bacterial mutagenicity assays. Mouse lymphoma assays on straight-run gas oils without subsequent hydrodesulphurization gave positive results in the presence of S9 metabolic activation. In-vivo bone marrow cytogenetics and sister chromatic exchange assay exhibited no activity for straight-run components with or without hydrodesulphurization. Thermally or catalytically cracked gas oils tested with in-vitro bacterial mutagenicity assays in the presence of S9 metabolic activation were shown to be mutagenic. In-vitro sister chromatic exchange assays on cracked gas oil gave equivocal results both with and without S9 metabolic activation. In-vivo bone marrow cytogenetics assay was inactive for two cracked gas oil samples. Three hydrocracked gas oils were tested with in-vitro bacterial mutagenicity assays with S9, and one of the three gave positive results. Twelve distillate fuel samples were tested with in-vitro bacterial mutagenicity assays & with S9 metabolic activation and showed negative to weakly positive results. In one series, activity was shown to be related to the PCA content of samples tested. Two in-vivo studies were also conducted. A mouse dominant lethal assay was negative for a sample of diesel fuel. In the other study, 9 samples of No 2 heating oil containing 50% cracked stocks caused a slight increase in the number of chromosomal aberrations in bone marrow cytogenetics assays. DEVELOPMENTAL TOXICITY: Diesel fuel vapor did not cause fetotoxic or teratogenic effects when pregnant rats were exposed on days 6-15 of pregnancy. Gas oils were applied to the skin of pregnant rats daily on days 0-19 of gestation. All but one (coker light gas oil) caused fetotoxicity (increased resorptions, reduced litter weight, reduced litter size) at dose levels that were also maternally toxic.

This product contains naphthalene. GENERAL TOXICITY: Exposure to naphthalene has been reported to cause methemoglobinemia and/or hemolytic anemia, especially in humans deficient in the enzyme glucose-6-phosphate

dehydrogenase. Laboratory animals given repeated oral doses of naphthalene have developed cataracts. REPRODUCTIVE TOXICITY AND BIRTH DEFECTS: Naphthalene did not cause birth defects when administered orally to rabbits, rats, and mice during pregnancy, but slightly reduced litter size in mice at dose levels that were lethal to the pregnant females. Naphthalene has been reported to cross the human placenta. GENETIC TOXICITY: Naphthalene caused chromosome aberrations and sister chromatid exchanges in Chinese hamster ovary cells, but was not a mutagen in several other in-vitro tests.CARCINOGENICITY: In a study conducted by the National Toxicology Program (NTP), mice exposed to 10 or 30 ppm of naphthalene by inhalation daily for two years had chronic inflammation of the nose and lungs and increased incidences of metaplasia in those tissues. The incidence of benign lung tumors (alveolar/bronchiolar adenomas) was significantly increased in the high-dose female group but not in the male groups. In another two-year inhalation study conducted by NTP, exposure of rats to 10, 30, and 60 ppm naphthalene caused increases in the incidences of a variety of nonneoplastic lesions in the nose. Increases in nasal tumors were seen in both sexes, including olfactory neuroblastomas in females at 60 ppm and adenomas of the respiratory epithelium in males at all exposure levels. The relevance of these effects to humans has not been established. No carcinogenic effect was reported in a 2-year feeding study in rats receiving naphthalene at 41 mg/kg/day.

This product may contain significant amounts of Polynuclear Aromatic Hydrocarbons (PAH's) which have been shown to cause skin cancer after prolonged and frequent contact with the skin of test animals. Brief or intermittent skin contact with this product is not expected to have serious effects if it is washed from the skin. While skin cancer is unlikely to occur in human beings following use of this product, skin contact and breathing, of mists, vapors or dusts should be reduced to a minimum.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY
96 hour(s) LC50: 21-210 mg/l (Salmo gairdneri)
48 hour(s) EC50: 20-210 mg/l (Daphnia magna)
72 hour(s) EC50: 2.6-25 mg/l (Raphidocellus subcapitata)
This material is expected to be toxic to aquatic organisms.

ENVIRONMENTAL FATE
On release to the environment the lighter components of diesel fuel will generally evaporate but depending on local environmental conditions (temperature, wind, mixing or wave action, soil type, etc.) the remainder may become dispersed in the water column or absorbed to soil or sediment. Diesel fuel would not be expected to be readily biodegradable. In a modified Strum test (OECD method 301B) approximately 40% biodegradation was recorded over 28 days. However, it has been shown that most hydrocarbon components of diesel fuel are degraded in soil in the presence of oxygen. Under anaerobic conditions, such as in anoxic sediments, rates of biodegradation are negligible.

SECTION 13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by USEPA under RCRA (40CFR261), Environment Canada, or other State, Provincial, and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

TC Shipping Description: UN1202, GAS OIL, 3, III

IMO/IMDG Shipping Description: UN1202, GAS OIL, 3, III, FLASH POINT SEE SECTION 5

ICAO/IATA Shipping Description: UN1202, GAS OIL, 3, III

DOT Shipping Description: GAS OIL, COMBUSTIBLE LIQUID, UN1202,III

SECTION 15 REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01-1=IARC Group 1
01-2A=IARC Group 2A
01-2B=IARC Group 2B
35=WHMIS IDL

The following components of this material are found on the regulatory lists indicated.

Naphthalene	01-2B, 35

CHEMICAL INVENTORIES:
All components comply with the following chemical inventory requirements: AICS (Australia), DSL (Canada), EINECS (European Union), IECSC (China), KECI (Korea), PICCS (Philippines), TSCA (United States).

WHMIS CLASSIFICATION:
Class B, Division 3: Combustible Liquids
Class D, Division 2, Subdivision A: Very Toxic Material - Carcinogenicity
Class D, Division 2, Subdivision B: Toxic Material - Skin or Eye Irritation

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. (See Hazardous Products Act (HPA), R.S.C. 1985, c.H-3,s.2).

MSDS PREPARATION:

This Material Safety Data Sheet has been prepared by the Toxicology and Health Risk Assessment Unit, ERTC, P.O. Box 1627, Richmond, CA 94804, (888)676-6183.

Revision Date: July 31, 2006

SECTION 16 OTHER INFORMATION

Additional Product Number(s): CPS203413, CPS203417, CPS220122, CPS225114, CPS225115, CPS225150, CPS266176, CPS270000, CPS270005, CPS270094, CPS270095, CPS270096, CPS271006, CPS272006, CPS272007, CPS272008, CPS272009, CPS272010, CPS272011, CPS272012, CPS272013, CPS272093, CPS272102, CPS272126, CPS272152, CPS272185, CPS272190, CPS272195, CPS272593, CPS272601, CPS272693, CPS272793, CPS273003, CPS273030, CPS273053, CPS275000

REVISION STATEMENT: This revision updates the following sections of this Material Safety Data Sheet: 1,16.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	PEL - Permissible Exposure Limit
	CAS - Chemical Abstract Service Number
ACGIH - American Conference of Government Industrial Hygienists	IMO/IMDG - International Maritime Dangerous Goods Code
API - American Petroleum Institute	MSDS - Material Safety Data Sheet
CVX - Chevron	NFPA - National Fire Protection Association (USA)

DOT - Department of Transportation (USA)	NTP - National Toxicology Program (USA)
IARC - International Agency for Research on Cancer	OSHA - Occupational Safety and Health Administration

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Antifreeze (EHL) Amount released: 30 gallons

PRODUCT NUMBER(S): CPS698420

COMPANY IDENTIFICATION

CHEVRON PRODUCTS COMPANY
First Floor, 43/45 The Promenade
Cheltenham
Gloucestershire, GL50 1LE
United Kingdom
TELEPHONE: +44 (0) 1242 266700

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Emergency Information Centers
are located in U.S.A.
Int'l collect calls accepted

PRODUCT INFORMATION: CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR TECHNICAL INFORMATION OR ADDITIONAL MSDS REQUESTS.

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Antifreeze (EHL)

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
ETHYLENE GLYCOL			
Chemical Name: ETHYLENE GLYCOL			
CAS107211	> 90.00%	C 50 ppm	ACGIH TWA
		125 mg/m3	OSHA CEILING
		5,000 LBS	CERCLA 302.4 RQ

COMPOSITION COMMENT:
All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

3. HAZARDS IDENTIFICATION

********** EMERGENCY OVERVIEW **********

Colorless (when not dyed).

- HARMFUL OR FATAL IF SWALLOWED
- MAY CAUSE RESPIRATORY TRACT IRRITATION IF INHALED
- POSSIBLE BIRTH DEFECT HAZARD - MAY CAUSE BIRTH DEFECTS BASED ON ANIMAL DATA

****

IMMEDIATE HEALTH EFFECTS
EYE:
Not expected to cause prolonged or significant eye irritation.
SKIN:
Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.
INGESTION:
Toxic; may be harmful or fatal if swallowed. See Section 11 for additional information.
INHALATION:
The vapor or fumes from this material may cause respiratory irritation. Breathing this material at concentrations above the recommended exposure limit may cause central nervous system effects.
SIGNS AND SYMPTOMS OF EXPOSURE:
INGESTION: May result in nausea, vomiting, diarrhea, and in severe cases, collapse, shock and death. Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion, or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors or convulsions, loss of consciousness, coma or death. Respiratory irritation: may include coughing and difficulty breathing.
REPRODUCTION AND BIRTH DEFECTS:
Contains material that may cause birth defects, if swallowed, based on animal data. Risk depends on duration and level of exposure. See Section 11 for additional information.
TARGET ORGANS:
Contains material that may cause damage to the following organ(s) following repeated ingestion: >Kidney< >Liver< Risk depends on duration and level of exposure. See Section 11 for additional information.

4. FIRST AID MEASURES

EYE:
No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.

SKIN:
No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
INGESTION:
If swallowed, do not induce vomiting. Give the person a glass of water or milk to drink and get immediate medical attention. Never give anything by mouth to an unconscious person.
INHALATION:
Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:
Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.
FLAMMABLE PROPERTIES:
FLASH POINT: 257F (125C)
AUTOIGNITION: NDA
FLAMMABILITY LIMITS (% by volume in air): Lower: 3.2 Upper: 15.3
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam and Water Fog.
NFPA RATINGS: Health 2; Flammability 1; Reactivity 0.
FIRE FIGHTING INSTRUCTIONS:
This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887
International Collect Calls Accepted
ACCIDENTAL RELEASE MEASURES:
Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner, or properly disposed of. Wash thoroughly after handling. Do not taste or swallow. Do not breathe vapor or fumes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Natural Rubber> <Nitrile> <Polyvinyl Chloride (Also referred to as "Vinyl" or "PVC")>
RESPIRATORY PROTECTION:
Determine if airborne concentrations are below the recommended exposure limits. If not, wear a NIOSH approved respirator that provides adequate protection from measured concentrations of this material. Use the following respirators: Organic vapor plus dust mask filter. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:
Colorless (when not dyed).

pH:	NDA
VAPOR PRESSURE:	NA
VAPOR DENSITY (AIR=1):	NA
BOILING POINT:	>165C
FREEZING POINT:	NDA
MELTING POINT:	NA
SOLUBILITY:	Soluble in water.
SPECIFIC GRAVITY:	NDA
DENSITY:	NDA
VISCOSITY:	21 @ 20C cPs

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
No data available.
CHEMICAL STABILITY:
Stable.
CONDITIONS TO AVOID:
No data available.
INCOMPATIBILITY WITH OTHER MATERIALS:
No data available.
HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
The eye irritation hazard is based on an evaluation of the data for the components.
SKIN EFFECTS:
The skin irritation hazard is based on an evaluation of the data for the components.
ACUTE ORAL EFFECTS:
The acute oral toxicity is based on an evaluation of the data for the components.
ACUTE INHALATION EFFECTS:
The acute respiratory toxicity is based on an evaluation of the data for the components.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains ethylene glycol (EG). The toxicity of EG via inhalation or skin contact is expected to be slight at room temperature. The estimated oral lethal dose is about 100 cc (3.3 oz.) for an adult human. Ethylene glycol is oxidized to oxalic acid which results in the

deposition of calcium oxalate crystals mainly in the brain and kidneys. Early signs and symptoms of EG poisoning may resemble those of alcohol intoxication. Later, the victim may experience nausea, vomiting, weakness, abdominal and muscle pain, difficulty in breathing and decreased urine output. When EG was heated above the boiling point of water, vapors formed which reportedly caused unconsciousness, increased lymphocyte count, and a rapid, jerky movement of the eyes in persons chronically exposed. When EG was administered orally to pregnant rats and mice, there was an increase in fetal deaths and birth defects. Some of these effects occurred at doses that had no toxic effects on the mothers. We are not aware of any reports that EG causes reproductive toxicity in human beings.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
No data available.
ENVIRONMENTAL FATE:
This material is expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NONE
DOT HAZARD CLASS: NONE
DOT IDENTIFICATION NUMBER: NONE
DOT PACKING GROUP: N/A
ADDITIONAL INFO: ETHYLENE GLYCOL - - NOT HAZARDOUS BY U.S. DOT
ADR/RID HAZARD CLASS - NOT APPLICABLE

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

1. Immediate (Acute) Health Effects: YES
2. Delayed (Chronic) Health Effects: YES
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO

5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

ETHYLENE GLYCOL
is found on lists: 01,02,10,11,12,13,14,28,29,

EU RISK AND SAFETY LABEL PHRASES:
R22: Harmful if swallowed.
R20: Harmful by inhalation.
R61: May cause harm to the unborn child.
S53: Avoid exposure - obtain special instructions before use.
S20: When using do not eat or drink.
S46: If swallowed, seek medical advice immediately and show this container or label.
S2: Keep out of reach of children.
WHMIS CLASSIFICATION:
Class D, Division 1, Subdivision B: Toxic Material
-Acute Lethality
Class D, Division 2, Subdivision A: Very Toxic Material
-Teratogenicity and Embryotoxicity

16. OTHER INFORMATION

NFPA RATINGS: Health 2; Flammability 1; Reactivity 0;
HMIS RATINGS: Health 2*; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:
This revision updated Sections 3, and 15.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:
TLV - Threshold Limit Value TWA - Time Weighted Average
STEL - Short-term Exposure Limit TPQ - Threshold Planning Quantity

(- Reportable Quantity
C - Ceiling Limit
A1-5 - Appendix A Categories
NDA - No Data Available
PEL - Permissible Exposure Limit
CAS - Chemical Abstract Service Number
() - Change Has Been Proposed
NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 1627, Richmond, CA 94804

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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THIS IS THE LAST PAGE OF THIS MSDS
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON DELO 400 ESI Multigrade SAE 15W-40 → Motor Oil 7-10 gallons

COMPANY IDENTIFICATION

Chevron Products Company
Global Lubricants
555 Market St.
Room 803
San Francisco, CA 94105-2870

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests: (800) 228-3500
Environmental, Safety, & Health Info: (415) 894-0703
Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON DELO 400 ESI Multigrade SAE 15W-40

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
HYDROTREATED DIST., HVY PARA			
Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC			
CAS64742547	> 75.00%	5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL
ADDITIVES INCLUDING THE FOLLOWING	< 25.00%		
ZINC ALKYL DITHIOPHOSPHATE			
Chemical Name: PHOSPHORODITHIOIC ACID,O,O-DI-C1-14-ALKYL ESTERS, ZINC SALT			
CAS68649423	< 1.60%	NONE	NA

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS
EYE:
Not expected to cause prolonged or significant eye irritation.
SKIN:
Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.
INGESTION:
Not expected to be harmful if swallowed.
INHALATION:
Contains a petroleum-based mineral oil that may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of airborne levels above the recommended exposure limit.

4. FIRST AID MEASURES

EYE:
No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.
SKIN:
No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Use a waterless hand cleaner, mineral oil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
INGESTION:
No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
INHALATION:
If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

Classification (29 CFR 1910.1200): Not flammable or combustible.
FLAMMABLE PROPERTIES:
FLASH POINT: NDA
AUTOIGNITION: NDA
FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam, Water Fog
NFPA RATINGS: Health 1; Flammability 1; Reactivity 0.
FIRE FIGHTING INSTRUCTIONS:
This material will burn although it is not easily ignited.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887
International Collect Calls Accepted
ACCIDENTAL RELEASE MEASURES:
Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

Do not use pressure to empty drum or drum may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is

possible, wear safety glasses with side shields as a good safety practice.
SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Viton> <Nitrile> <Silver Shield> <4H>
RESPIRATORY PROTECTION:
No special respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended exposure limits. If not, select a NIOSH/MSHA approved respirator that provides adequate protection from concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:
Brown liquid.

pH:	NDA
VAPOR PRESSURE:	NA
VAPOR DENSITY (AIR=1):	NA
BOILING POINT:	NDA
FREEZING POINT:	NDA
MELTING POINT:	NA
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	NDA
DENSITY:	NDA
EVAPORATION RATE:	NA
VISCOSITY:	14.6 cSt @ 100C (min.)
PERCENT VOLATILE (VOL):	NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
No data available.
CHEMICAL STABILITY:
Stable.
CONDITIONS TO AVOID:
No data available.
INCOMPATIBILITY WITH OTHER MATERIALS:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NDA
DOT HAZARD CLASS: NDA
DOT IDENTIFICATION NUMBER: NDA
DOT PACKING GROUP: NDA

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

1. Immediate (Acute) Health Effects: NO
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
is found on lists: 14,15,17,
PHOSPHORODITHIOIC ACID,O,O-DI-C1-14-ALKYL ESTERS, ZINC SALTS
is found on lists: 01,11,

EEC RISK AND SAFETY STATEMENTS:
May cause long-term adverse effects in the aquatic environment.
NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows:
PETROLEUM OIL
WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0;
HMIS RATINGS: Health 1; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:
MSDS DISCONTINUED - This Material Safety Data Sheet will no longer be updated. See MSDS 6711 for information on this material.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
A1-5 - Appendix A Categories	() - Change Has Been Proposed
NDA - No Data Available	NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 4054, Richmond, CA 94804

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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THIS IS THE LAST PAGE OF THIS MSDS
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Rock Drill Oil VISTAC ISO 100 No volume released

COMPANY IDENTIFICATION

Chevron Products Company
Global Lubricants
555 Market St.
Room 803
San Francisco, CA 94105-2870

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests: (800) 228-3500
Environmental, Safety, & Health Info: (415) 894-0703
Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Rock Drill Oil VISTAC ISO 100

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
LUBRICATING BASE OIL CONTAINING ONE OR MORE OF THE FOLLOWING	> 95.00%		
SOLVENT DEWAXED DIST., HVY PAR			
Chemical Name: DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC			
CAS64742650		5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL
HYDROTREATED DIST., HVY NAPHTH			
Chemical Name: DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC			
CAS64742525		5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL

HYDROTREATED DIST., HVY PARA
Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC

CAS64742547	5 mg/m3 (mist)	ACGIH TWA
	10 mg/m3 (mist)	ACGIH STEL
	5 mg/m3 (mist)	OSHA PEL

ADDITIVES
< 5.00%

COMPOSITION COMMENT:
All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

3. HAZARDS IDENTIFICATION

********** EMERGENCY OVERVIEW **********

Dark amber liquid.

- OIL MIST MAY CAUSE RESPIRATORY IRRITATION

****

POTENTIAL HEALTH EFFECTS
EYE:
Not expected to cause prolonged or significant eye irritation.
SKIN:
Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin.
INGESTION:
Not expected to be harmful if swallowed.
INHALATION:
Contains a petroleum-based mineral oil that may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of airborne levels above the recommended exposure limit.

4. FIRST AID MEASURES

EYE:
No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.
SKIN:
No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove

clothing and shoes if contaminated. Use a waterless hand cleaner, mineral oil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
INGESTION:
No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
INHALATION:
If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

5. FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:
Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.
FLAMMABLE PROPERTIES:
FLASH POINT: (COC) 399F (204C) Min.
AUTOIGNITION: NDA
FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam, Water Fog
NFPA RATINGS: Health 0; Flammability 1; Reactivity 0.
FIRE FIGHTING INSTRUCTIONS:
This material will burn although it is not easily ignited.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887
International Collect Calls Accepted
ACCIDENTAL RELEASE MEASURES:
Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

Do not use pressure to empty drum or drum may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static

electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water. Do not breathe oil mist at concentrations above the recommended exposure limits.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Nitrile> <Silver Shield> <Viton> <4H>
RESPIRATORY PROTECTION:
No special respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended exposure limits. If not, select a NIOSH/MSHA approved respirator that provides adequate protection from concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:
Dark amber liquid.

pH:	NDA
VAPOR PRESSURE:	NA
VAPOR DENSITY (AIR=1):	NA
BOILING POINT:	NDA
FREEZING POINT:	NDA
MELTING POINT:	NA
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	0.87 @ 15.6/15.6C
VOLATILE ORGANIC COMPOUNDS (VOC):	NDA
EVAPORATION RATE:	NA
VISCOSITY:	90 cSt @ 40C (Min.)
PERCENT VOLATILE (VOL):	NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
No data available.
CHEMICAL STABILITY:
Stable.
CONDITIONS TO AVOID:
No data available.
INCOMPATIBILITY WITH OTHER MATERIALS:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
The eye irritation hazard is based on an evaluation of the data for the components.
SKIN EFFECTS:
The skin irritation hazard is based on an evaluation of the data for the components.
ACUTE ORAL EFFECTS:
The acute oral toxicity is based on an evaluation of the data for the components.
ACUTE INHALATION EFFECTS:
The acute respiratory toxicity is based on an evaluation of the data for the components.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
The 96-hour LC50 in rainbow trout (Oncorhynchus mykiss) is > 5000 mg/l.
ENVIRONMENTAL FATE:
This material is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NDA
DOT HAZARD CLASS: NDA
DOT IDENTIFICATION NUMBER: NDA
DOT PACKING GROUP: NDA

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

1.	Immediate (Acute) Health Effects:	NO
2.	Delayed (Chronic) Health Effects:	NO
3.	Fire Hazard:	NO
4.	Sudden Release of Pressure Hazard:	NO
5.	Reactivity Hazard:	NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, HYDROTREATED HEAVY NAPHTHENIC
is found on lists: 14,15,17,
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
is found on lists: 14,15,17,

DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC
is found on lists: 14,15,17,

EEC RISK AND SAFETY STATEMENTS:
May cause long-term adverse effects in the aquatic environment.
NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows:
PETROLEUM OIL
WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 0; Flammability 1; Reactivity 0;
HMIS RATINGS: Health 1; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:
MSDS DISCONTINUED - This Material Safety Data Sheet will no longer be updated. See MSDS 6752 for information on this material.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV	- Threshold Limit Value	TWA	- Time Weighted Average
STEL	- Short-term Exposure Limit	TPQ	- Threshold Planning Quantity
RQ	- Reportable Quantity	PEL	- Permissible Exposure Limit
C	- Ceiling Limit	CAS	- Chemical Abstract Service Number
A1-5	- Appendix A Categories	()	- Change Has Been Proposed
NDA	- No Data Available	NA	- Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 4054, Richmond, CA 94804

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Clarity Hydraulic Oil AW ISO 32 40gallons

COMPANY IDENTIFICATION

Chevron Products Company
Global Lubricants
555 Market St.
Room 803
San Francisco, CA 94105-2870

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Requests: (800) 228-3500
Environmental, Safety, & Health Info: (415) 894-0703
Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Clarity Hydraulic Oil AW ISO 32

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
HYDROTREATED DIST., HVY PARA			
Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC			
CAS64742547	> 99.00%	5 mg/m3 (mist)	ACGIH TWA
		10 mg/m3 (mist)	ACGIH STEL
		5 mg/m3 (mist)	OSHA PEL
ADDITIVES	< 1.00%		

COMPOSITION COMMENT:
All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH

TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS
EYE:
Not expected to cause prolonged or significant eye irritation.
SKIN:
Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.
INGESTION:
Not expected to be harmful if swallowed.
INHALATION:
Contains a petroleum-based mineral oil that may cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of airborne levels above the recommended exposure limit.

4. FIRST AID MEASURES

EYE:
No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.
SKIN:
No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Use a waterless hand cleaner, mineral oil, or petroleum jelly to remove the material. Then wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
INGESTION:
No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
INHALATION:
If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.
NOTE TO PHYSICIANS:
In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm

of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

5. FIRE FIGHTING MEASURES

SPECIAL NOTES: Leaks/ruptures in high pressure system using materials of this type can create a fire hazard when in the vicinity of ignition sources (eg. open flame, pilot lights, sparks, or electric arcs).
FIRE CLASSIFICATION:
Classification (29 CFR 1910.1200): Not flammable or combustible.
FLAMMABLE PROPERTIES:
FLASH POINT: (COC) 374F (190C) Min.
AUTOIGNITION: NDA
FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam, Water Fog
NFPA RATINGS: Health 0; Flammability 1; Reactivity 0.
FIRE FIGHTING INSTRUCTIONS:
This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide and water vapor; incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887
International Collect Calls Accepted
ACCIDENTAL RELEASE MEASURES:
Stop the source of the leak or release. Clean up releases as soon as possible. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

This material does not contain any CERCLA Hazardous Substances.

This material does not contain any SARA Title III Section 302 - Extremely Hazardous Substances.

This material does not contain any SARA Title III Section 313 - Toxic Chemicals.

7. HANDLING AND STORAGE

DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed. Do not use pressure to empty drum or drum may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Viton> <Nitrile> <Silver Shield> <4H>
RESPIRATORY PROTECTION:
No special respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended exposure limits. If not, select a NIOSH/MSHA approved respirator that provides adequate protection from concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:
Pale yellow liquid.

pH:	NDA
VAPOR PRESSURE:	NA
VAPOR DENSITY (AIR=1):	NA
BOILING POINT:	NA
FREEZING POINT:	NDA
MELTING POINT:	NA

SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	0.86 @ 15.6/15.6C
EVAPORATION RATE:	NA
VISCOSITY:	28.8 cSt @ 40C (Min.)
PERCENT VOLATILE (VOL):	NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
No data available.
CHEMICAL STABILITY:
Stable.
CONDITIONS TO AVOID:
No Data Available.
INCOMPATIBILITY WITH OTHER MATERIALS:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
The mean 24-hour Draize eye irritation score in rabbits is 2/110.
SKIN EFFECTS:
For a 4-hour exposure, the Primary Irritation Index (PII) in rabbits is: 0.7/8. The acute dermal LD50 in female rabbits is >2.0 g/kg.
ACUTE ORAL EFFECTS:
The acute oral LD50 in female rats is >5 g/l.
ACUTE INHALATION EFFECTS:
Based on animal data for similar materials, the inhalation LD50 (4-hour) is expected to be greater than 5 mg/l.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
The 96-hour LC50 for rainbow trout (Oncorhynchus mykiss) is >5000 mg/l

WAF. The 96-hour LC50 for mysid shrimp (Mysidopsis bahia) is >5000 mg/l WAF.
ENVIRONMENTAL FATE:
This material is considered inherently biodegradable. Small accidental leaks or releases of this material are not expected to present an environmental problem. See Section 6 for Accidental Release Measures.

13. DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NDA
DOT HAZARD CLASS: NDA
DOT IDENTIFICATION NUMBER: NDA
DOT PACKING GROUP: NDA

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

1. Immediate (Acute) Health Effects: NO
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	

The following components of this material are found on the regulatory

lists indicated.

DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
is found on lists: 14,15,17,

NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows:
PETROLEUM OIL
WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 0; Flammability 1; Reactivity 0;
HMIS RATINGS: Health 0; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:
MSDS DISCONTINUED - This Material Safety Data Sheet will no longer be updated. See MSDS 6691 for information on this material.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
A1-5 - Appendix A Categories	() - Change Has Been Proposed
NDA - No Data Available	NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 4054, Richmond, CA 94804

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The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON Automatic Transmission Fluid DEXRON-III/MERCON 10 gallons

PRODUCT NUMBER(S): CPS226502
SYNONYM: AUTOMATIC TRANSMISSION FLUID
DEXRON - III
MERCON

COMPANY IDENTIFICATION

Chevron Products Company
Lubricants and Specialty Products
6001 Bollinger Canyon Rd., T3325/B10
San Ramon, CA 94583
www.chevron-lubricants.com

EMERGENCY TELEPHONE NUMBERS

HEALTH (24 hr): (800)231-0623 or
(510)231-0623 (International)
TRANSPORTATION (24 hr): CHEMTREC
(800)424-9300 or (703)527-3887
Emergency Information Centers
are located in U.S.A.
Int'l collect calls accepted

PRODUCT INFORMATION: MSDS Request:(800)414-6737 email:lubemsds@chevron.com
Environmental, Safety, & Health Info: (925) 842-5535
Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON Automatic Transmission Fluid DEXRON-III/MERCON

CONTAINING

COMPONENTS	AMOUNT	LIMIT/QTY	AGENCY/TYPE
LUBRICATING BASE OIL CONTAINING ONE OR MORE OF THE FOLLOWING	> 80.00%		
HYDROTREATED DIST., HVY PARA Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC CAS64742547		5 mg/m3 (mist) 10 mg/m3 (mist) 5 mg/m3 (mist)	ACGIH TWA ACGIH STEL OSHA PEL

SOLVENT DEWAXED DIST., HVY PAR
Chemical Name: DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC

CAS64742650	5 mg/m3 (mist)	ACGIH TWA
	10 mg/m3 (mist)	ACGIH STEL
	5 mg/m3 (mist)	OSHA PEL

DISTILLATES, HYDROTREATED
Chemical Name: DISTILLATES, (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC

CAS64742558	5 mg/m3 (mist)	ACGIH TWA
	10 mg/m3 (mist)	ACGIH STEL
	5 mg/m3 (mist)	OSHA PEL

DISTILLATES, SOLVENT-DEWAXED
Chemical Name: DISTILLATES, (PETROLEUM), SOLVENT-DEWAXED LIGHT PARAFFINIC

CAS64742569	5 mg/m3 (mist)	ACGIH TWA
	10 mg/m3 (mist)	ACGIH STEL
	5 mg/m3 (mist)	OSHA PEL

SOLVENT REF. DIST. LT NAPHTHEN
Chemical Name: DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC

CAS64741975	5 mg/m3 (mist)	ACGIH TWA
	5 mg/m3 (mist)	OSHA PEL

ADDITIVES
< 20.00%

COMPOSITION COMMENT:
All the components of this material are on the Toxic Substances Control Act Chemical Substances Inventory.

This product fits the ACGIH definition for mineral oil mist. The ACGIH TLV is 5 mg/m3, the OSHA PEL is 5 mg/m3.

3. HAZARDS IDENTIFICATION

IMMEDIATE HEALTH EFFECTS
EYE:
Not expected to cause prolonged or significant eye irritation.
SKIN:
Contact with the skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first; but, if left untreated, could result in disfigurement or amputation of the affected part.
INGESTION:
Not expected to be harmful if swallowed.
INHALATION:

Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit.

4. FIRST AID MEASURES

EYE:
No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses, if worn, and flush eyes with water.
SKIN:
No specific first aid measures are required because this material is not expected to be harmful if it contacts the skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing and shoes before reuse.
INGESTION:
No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.
INHALATION:
If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.
NOTE TO PHYSICIANS:
In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration, and intense throbbing pain. Immediate treatment at a surgical emergency center is recommended.

5. FIRE FIGHTING MEASURES

SPECIAL NOTES: Leak/ruptures in high pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (eg open flame, pilot lights, sparks, or electric arcs).
FIRE CLASSIFICATION:
Classification (29 CFR 1910.1200): Not classified by OSHA as flammable or combustible.
FLAMMABLE PROPERTIES:
FLASH POINT: (COC) 352F (178C) (Min.)
AUTOIGNITION: NDA
FLAMMABILITY LIMITS (% by volume in air): Lower: NA Upper: NA
EXTINGUISHING MEDIA:
CO2, Dry Chemical, Foam, Water Fog
NFPA RATINGS: Health 1; Flammability 1; Reactivity 0.
FIRE FIGHTING INSTRUCTIONS:
This material will burn although it is not easily ignited. For fires

involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
COMBUSTION PRODUCTS:
Normal combustion forms carbon dioxide, water vapor and may produce oxides of sulfur, nitrogen and phosphorus. Combustion may form oxides of boron. Incomplete combustion can produce carbon monoxide.

6. ACCIDENTAL RELEASE MEASURES

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3887
International Collect Calls Accepted
ACCIDENTAL RELEASE MEASURES:
Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection. Contain liquid to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as sorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Follow prescribed procedures for reporting and responding to larger releases.

7. HANDLING AND STORAGE

DO NOT USE IN HIGH PRESSURE SYSTEMS in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner, or properly disposed of. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Special Note: Do not use in breathing air apparatus or medical equipment.

ENGINEERING CONTROLS
Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
EYE/FACE PROTECTION:
No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
SKIN PROTECTION:
No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances. Suggested materials for protective gloves include: <Nitrile> <Silver Shield> <Viton> <4H>
RESPIRATORY PROTECTION:
No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne concentrations are below the recommended mineral oil mist exposure limits. If not wear a NIOSH approved respirator that provides adequate protection from measured concentrations of this material. Use the following elements for air-purifying respirators: particulate.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL DESCRIPTION:
Red liquid.

pH:	NA
VAPOR PRESSURE:	<0.01 mm Hg at 100F
VAPOR DENSITY (AIR=1):	Heavier than air.
BOILING POINT:	>600F (>315C)
FREEZING POINT:	NA
MELTING POINT:	NA
SOLUBILITY:	Soluble in hydrocarbon solvents; insoluble in water.
SPECIFIC GRAVITY:	0.86 @ 15.6/15.6C
VISCOSITY:	6.8 cSt @ 100C (Min.)
POUR POINT:	-39C

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS:
None known.
CHEMICAL STABILITY:
Stable.
CONDITIONS TO AVOID:
No data available.

INCOMPATIBILITY WITH OTHER MATERIALS:
May react with strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:
The eye irritation hazard is based on data for a similar material.
SKIN EFFECTS:
The skin irritation hazard is based on data for a similar material.
ACUTE ORAL EFFECTS:
The acute oral toxicity is based on data for a similar material.
ACUTE INHALATION EFFECTS:
The acute respiratory toxicity is based on data for a similar material.
ADDITIONAL TOXICOLOGY INFORMATION:
This product contains petroleum base oils which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a cancer warning under the OSHA Hazard Communication Standard (29 CFR 1910.1200). These oils have not been listed in the National Toxicology Program (NTP) Annual Report nor have they been classified by the International Agency for Research on Cancer (IARC) as; carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
The toxicity of this material to aquatic organisms has not been evaluated. Consequently, this material should be kept out of sewage and drainage systems and all bodies of water.
ENVIRONMENTAL FATE:
This material is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Contact your sales representative or local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT SHIPPING NAME: NONE
DOT HAZARD CLASS: NONE
DOT IDENTIFICATION NUMBER: NONE
DOT PACKING GROUP: N/A
ADDITIONAL INFO: Petroleum Lubricating Oil - Not Hazardous by U.S. DOT.
ADR/RID Hazard class - Not applicable.

---

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

1. Immediate (Acute) Health Effects: NO
2. Delayed (Chronic) Health Effects: NO
3. Fire Hazard: NO
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01=SARA 313	11=NJ RTK	22=TSCA Sect 5(a)(2)
02=MASS RTK	12=CERCLA 302.4	23=TSCA Sect 6
03=NTP Carcinogen	13=MN RTK	24=TSCA Sect 12(b)
04=CA Prop 65-Carcin	14=ACGIH TWA	25=TSCA Sect 8(a)
05=CA Prop 65-Repro Tox	15=ACGIH STEL	26=TSCA Sect 8(d)
06=IARC Group 1	16=ACGIH Calc TLV	27=TSCA Sect 4(a)
07=IARC Group 2A	17=OSHA PEL	28=Canadian WHMIS
08=IARC Group 2B	18=DOT Marine Pollutant	29=OSHA CEILING
09=SARA 302/304	19=Chevron TWA	30=Chevron STEL
10=PA RTK	20=EPA Carcinogen	31=OSHA STEL

The following components of this material are found on the regulatory lists indicated.

DISTILLATES, SOLVENT-REFINED LIGHT NAPHTHENIC
is found on lists: 02,14,17,
DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
is found on lists: 14,15,17,
DISTILLATES, (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC
is found on lists: 02,14,15,17,
DISTILLATES, (PETROLEUM), SOLVENT-DEWAXED LIGHT PARAFFINIC
is found on lists: 02,14,15,17,
DISTILLATES, SOLVENT DEWAXED HEAVY PARAFFINIC
is found on lists: 14,15,17,

NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows:
PETROLEUM OIL
WHMIS CLASSIFICATION:
This product is not considered a controlled product according to the

criteria of the Canadian Controlled Products Regulations.

16. OTHER INFORMATION

NFPA RATINGS: Health 1; Flammability 1; Reactivity 0;
HMIS RATINGS: Health 1; Flammability 1; Reactivity 0;
(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT:
This revision updates Sections 1, 4, 10 and 12.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	TPQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
A1-5 - Appendix A Categories	() - Change Has Been Proposed
NDA - No Data Available	NA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 1627, Richmond, CA 94804

****

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

****
THIS IS THE LAST PAGE OF THIS MSDS
****

Chevron
Lubricants

Chevron Automatic Transmission Fluid DEXRON®-III/MERCON®

Customer Benefits

Chevron Automatic Transmission Fluid DEXRON-III/MERCON delivers value through

Protection against the formation of lacquers, sludge, or other harmful deposits.

Exceptional stability provided by excellent base oil and extra oxidation inhibitors.

Quiet performance — Especially effective in reducing transmission "chatter." Assures smooth, quiet action at all speeds.

Fast circulation during cold weather and excellent lubricating body when hot.

Features

formulated with ISO SYN™

Chevron Automatic Transmission Fluid DEXRON-III/MERCON is the latest high performance, multipurpose, power transmission fluid approved under DEXRON and MERCON specifications. It is developed for passenger car and light truck automatic transmissions.

It is formulated with ISOSYN™ base stocks and additives that provide oxidation and thermal stability, friction control, load-carrying ability, corrosion and wear protection, and prevent the accumulation of deposits and the formation of sludge, varnish, and foam.

Chevron Automatic Transmission Fluid DEXRON-III/MERCON provides outstanding durability.

Under the most severe operating conditions, Chevron Automatic Transmission Fluid DEXRON-III/MERCON:

- maintains friction control for smooth shift action
- is specially formulated to prevent shudder.
- retains low temperature fluidity and high temperature stability for long operating periods.
- protects automatic transmission fluid coolers from corrosion.
- practically eliminates transmission overhauls due to sludge, corrosion, wear of clutches and bands, gears and bearings, leakage past seals, and loss of frictional properties.

Applications

Chevron Automatic Transmission Fluid DEXRON-III/MERCON is designed for use in General Motors Corporation transmissions that specify a DEXRON-III, DEXRON-II or DEXRON-IIE fluid and Ford Motor Company transmissions that require a MERCON fluid.

It is an excellent choice in any transmission where the manufacturer recommends a DEXRON or MERCON qualified product. It is suitable for use in Mercedes-Benz passenger car automatic transmissions and ZF truck transmissions.

It is also recommended for transmissions, power steering systems, and hydraulic systems requiring a DEXRON-III, Allison C4 or Caterpillar TO-2 fluid.

Chevron Automatic Transmission Fluid DEXRON-III/MERCON is also used as a light oil in compressors, pumps and hydraulic systems.

- Always check your owners manual to determine the proper automatic transmission fluid for your transmission.
- Ford transmissions manufactured after 1996 may require a MERCON V automatic transmission fluid.
- Ford transmissions manufactured before 1977 and some pre-1982 transmissions require a Type F fluid such as Chevron ATF Type F.
- Chrysler transmissions manufactured after 1996 require a Type 7176® fluid such as Chevron ATF+3® Automatic Transmission Fluid.

Chevron Automatic Transmission Fluid DEXRON-III/MERCON meets or exceeds

manufacturer's performance requirements
Allison C4 Fluid
Caterpillar TO-2
Ford MERCON
General Motors DEXRON-III
Hagglunds-Denison HF-0
Vickers Pump
Voith DIWA Transmissions

Chevron Automatic Transmission Fluid DEXRON-III/MERCON has the following qualifications:

	West	East
Allison Transmission	C4-27773599	C4-27053498
Ford MERCON	M971002	M980802
General Motors DEXRON-III	G-34139	G-34116

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Do not use in breathing air apparatus or medical equipment.

Typical Test Data

SAE Grade	**10W**
CPS Number	*226502*
MSDS Number	*0021*
API Gravity	32.7
Viscosity, Kinematic	
cSt at 40°C	37.5
cSt at 100°C	7.5
Viscosity, Saybolt	
SUS at 100°F	190
SUS at 210°F	51
Viscosity, Brookfield	
cP at -40°C	15,000
Viscosity Index	172
Flash Point, °C(°F)	202(396)
Pour Point, °C(°F)	-48(-54)
Color	Red

Typical test data are average values only. Minor variations which do not affect performance are to be expected in normal manufacturing.

DEXRON is a registered trademark of General Motors Corporation.

MERCON is a registered trademark of Ford Motor Company.

Type 7176 and ATF+3 are registered trademarks of Chrysler Corporation.

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MATERIAL SAFETY DATA SHEET

Conforms to 29 CFR 1910.1200 (OSHA HAZARD COMMUNICATION STANDARD)

ATHEA LABORATORIES, INC.
P.O. Box 23926
Milwaukee, WI 53223

PRODUCT NAME: TURBO TOWELS

EMERGENCY TELEPHONE NUMBERS: (414)354-6417 CHEMTREC (800) 424-9300

SECTION I - PRODUCT IDENTIFICATION

Trade Names and Synonyms:
TURBO TOWELS
Chemical Name/Synonyms:
N/A
Chemical Family: PREMOISTENED CLEANER / DEGREASER TOWEL
Formula: MIXTURE

NFPA HAZARD IDENTIFICATION SYSTEM

HAZARD RATING		
		4 - Extreme
HEALTH	0	3 - High
FLAMMABILITY	0	2 - Moderate
REACTIVITY	0	1 - Slight
		0 - Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	Approx. %	OSHA PEL	ACGIH TLV	CARCINOGENICITY NPT	IARC	OSHA	CAS No.

CONTAINS NO HAZARDOUS COMPONENTS AS LISTED IN 29 CFR 1900.1000 OR OTHER PERTINENT SECTIONS OF OSHA REGULATIONS

SECTION III - PHYSICAL DATA

Boiling Point (°F): 210
Vapor Pressure (mm Hg): NOT DET.
Vapor Density (air = 1): > 1.0
Solubility in water: SOLUBLE
Specific Gravity: 0.995
% Volatile (volume %): < 90.0
Evaporation Rate (water = 1): ~ 1.0
pH: 9.5-10.0
Appearance and Odor: LIGHT GREEN CLOTH IMPREGNATED WITH A CLEAR, WATER-WHITE LIQUID, CITRUS FRAGRANCE.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (°F): NONE
(test method): CLOSED CUP
Flammable Limits in air (volume %)
Upper: N/A Lower: N/A
Extinguishing Media: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special Fire Fighting Procedure: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire and Explosion Hazard: NONE

SECTION V - REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: NONE
Incompatibility: NONE
Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE OXIDES OF CARBONS
Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE

SECTION VI - HEALTH HAZARD DATA

Threshold Limit Value (TLV): NOT ESTABLISHED
Primary Route(s) of Exposure: EYE CONTACT, INGESTION
Effects of Overexposure: EYES: MILD IRRITATION AND REDNESS. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, CRAMPS, VOMITING.
Emergency and First Aid Procedures: EYES: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION. INGESTION: CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. GIVE AFFECTED PERSON SEVERAL GLASSES OF WATER AND INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - SPILL OR LEAK PROTECTION

Steps to be taken if Material is Released or Spilled: FLUSH EFFECTED AREA WITH WATER.
Waste Disposal Method: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: USE WITH ADEQUATE VENTILATION
Ventilation: Local Exhaust: NOT REQUIRED
Mechanical: NOT REQUIRED
Protective Gloves: NOT REQUIRED
Eye Protection: NOT REQUIRED
Other Protective Equipment: NOT REQUIRED

SECTION X - SPECIAL PROTECTION

Precautions to be Taken in Handling or Storage: STORE IN A COOL, DRY PLACE. PROTECT FROM FREEZING. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.
Other Precautions: KEEP OUT OF REACH OF CHILDREN

SECTION X - REGULATORY INFORMATION

DOT Proper Shipping Name: NONE
DOT Class: NONE
DOT ID Number: NONE
DOT Packaging Group: NONE
SARA/TITLE III - CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 304.4): This product does not contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304.

SARA/TITLE III - List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product does not contain an ingredient(s) listed as an extremely hazardous substance (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

SARA/TITLE III - List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product does not contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. ATHENA LABORATORIES, INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO THE VENDEE, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THIS MATERIAL.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL BRANDON POWELL 10/02/06	4. Generator: Conoco Phillips
	5. Originating Site: State Com H #4A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Scat
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit F; Sec 32; T 31N; R 9W San Juan County	Project #96052-663

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept hydrocarbon impacted soil with various lubricants from around compressor skid due to erosion sediment during rainstorm

CWS attached Analyticals attached

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 09/29/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirotech DATE: 10/10/06

APPROVED BY: [signature] TITLE: Envirotech Engr DATE: 10-18-06

RECEIVED

OCT 11 2006

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

15795

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Elm Ridge	Federal 3 No 43	
Sampler:	Client No. 03056-040-035	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX						Remarks
Bottom AT 6'	4/10/06	1330	36733	Soil	1	X						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mary Crofton	4/10/06	1300	Christine M Walters	4/10/06	1300
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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

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Submit Original
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BRANDON POWELL 10/02/06**	4. Generator: Conoco Phillips
	5. Originating Site: State Com H #4A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Scat
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit F; Sec 32; T 31N; R 9W San Juan County	Project #96052-663

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept hydrocarbon impacted soil with various lubricants from around compressor skid due to erosion sediment during rainstorm

CWS attached Analyticals attached

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 09/29/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **State Com H #4A** **API# 30-045-21708** **hCOP**	Location of the Waste (Street address &/or ULSTR): **U- F S- 32 T- 31N R- 9W** **San Juan County, New Mexico**
4. Source and Description of Waste **Hydrocarbon impacted soil with various lubricants from around compressor skid due to erosion sediment during rainstorm.**	
5. WO 4158523	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__X__ **EXEMPT** oilfield waste

____ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 10/2/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-284
Sample ID:	Compressor	Date Reported:	09-28-06
Laboratory Number:	38638	Date Sampled:	09-26-06
Chain of Custody:	1517	Date Received:	09-27-06
Sample Matrix:	Soil	Date Analyzed:	09-28-06
Preservative:	N/A	Date Digested:	09-28-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.246**	**0.001**	**5.0**
Barium	**7.68**	**0.001**	**100**
Cadmium	**0.088**	**0.001**	**1.0**
Chromium	**0.175**	**0.001**	**5.0**
Lead	**0.382**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **State Com H #4**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	09-28 TM QA/AC	Date Reported:	09-28-06
Laboratory Number:	38632	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	09-28-06
Condition:	N/A	Date Digested:	09-27-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.082	0.082	0.0%	0% - 30%
Barium	ND	ND	0.001	7.22	7.25	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.083	0.085	2.4%	0% - 30%
Chromium	ND	ND	0.001	0.105	0.109	3.8%	0% - 30%
Lead	ND	ND	0.001	0.335	0.334	0.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.082	0.581	99.8%	80% - 120%
Barium	0.500	7.22	7.74	100.3%	80% - 120%
Cadmium	0.500	0.083	0.581	99.7%	80% - 120%
Chromium	0.500	0.105	0.604	99.8%	80% - 120%
Lead	0.500	0.335	0.833	99.8%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.497	99.4%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 38632, 38638**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1517

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	State Com H #4	

Sampler:	Client No.
F. McDonald	96052-026-284

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX & Methyl						Remarks
Compressor	9/26/06	10:30	38638	Soil	1	X						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/27/06	14:40	[signature]	9/27/06	14:40
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Charge Code: 415823

Send Results to Greg Wurtz

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	X		
Cool - Ice/Blue Ice	X		

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 10/5/06	4. Generator: FJ Ponce / Larsen Trucking
	5. Originating Site: CR 318, Ignacio CO
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: Colorado to New Mexico
7. Location of Material (Street Address or ULSTR) CR 318, Ignacio CO	Project # 06180-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:
Accept soil contaminated with diesel from spill occurring when semi truck left roadway and damaged fuel tank. Hit tank on roadway causing the fuel tank to leak. Pipe Hauler

CWS and MSDS for diesel #2 attached.

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

SIGNATURE Denny Faust TITLE: Environmental Geologist DATE: 10/05/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: [signature] TITLE: Envirotech/Spec DATE: 10-6-06

APPROVED BY: [signature] TITLE: Environ Engr DATE: 10-18-06

RECEIVED

OCT 11 2006

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe

ENVIROTECH NC.

Bill of Lading

MANIFEST # 25085

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-13-06 JOB # 03056-040-035

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	ELm Ridge Fed #3-23	LF2	cont. Soil	F-12	20		Franks	443	8:20	Kevin Tom
2	Fed #3-23	LF2	cont. Soil	F-13	10		Franks	1	8:55	Kevin Tom
3	Fed #3-23	LF2	cont. Soil	F-14	10		Franks	2	8:40	Kevin Tom
4	Fed #3-23	LF2	cont. Soil	F-15	20		Franks	443	10:40	Kevin Tom
5	Fed #3-23	LF2	cont. Soil	F-16	10		Franks	1	10:45	E L
6	Fed #3-23	LF2	cont. Soil	F-12	10		Franks	2	10:45	E L
7	Fed #3-23	LF2	cont. Soil	F-14	20		Franks	443	12:50	E L
8	Fed #3-23	LF2	cont. Soil	F-14	10		Franks	1	12:50	E L
9	Fed #3-23	LF2	cont. Soil	F-16	10		Franks	2	12:50	R T
10	Fed #3-23	LF2	cont. Soil	F-17	20		Franks	443	3:30	R T
11	Fed #3-23	LF2	cont. Soil	F-17	10		Franks	1	3:30	R T
12	Fed #3-23	LF2	cont. Soil	F-17	10		Franks	2	3:30	R T
					160					

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeffrey Miles COMPANY Envirotech SIGNATURE Jeffrey Miles

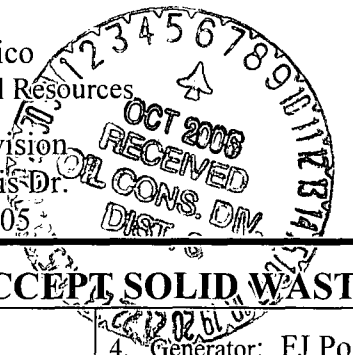
COMPANY CONTACT _____ PHONE _____ DATE 4-13-06

san juan reproduction 578-126

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-138
Revised March 17, 1999

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 10/05/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
FJ Ponce PO Box 232 La Jara CO 81140	Environtech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Dirt road off of CR 318 near Ignacio CO attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Diesel fuel leaked from damaged tank on semi. Hit tank on road while entering roadway	

I, Francisco Ponce (Print Name) representative for:

FJ Ponce / Larsen trucking do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

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

_X_ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Francisco Ponce

Title: Owner

Phone Number: 505-927-3746

Date: 10/4/06

MATERIAL SAFETY DATA SHEET
Phillips No. 2 Diesel

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Phillips No. 2 Diesel

Product Code: Multiple

Synonyms: #2 Distillate; #2 HIgh Sulfur Diesel - Dyed; #2 Low Sulfur Diesel - Dyed 1354
CARB Diesel TF3; CARB Diesel; CARB Diesel 10%
Diesel Fuel Oil
EPA Low Sulfur Diesel Fuel
EPA Low Sulfur Diesel Fuel - Dyed
EPA Off Road High Sulfur Diesel - Dyed
High Sulfur Diesel Fuel
Low Sulfur Diesel Fuel
No. 2 Diesel Fuel Oil
No. 2 High Sulfur Diesel - Dyed
No. 2 Low Sulfur Diesel - Dyed
No. 2 Low Sulfur Diesel - Undyed
No. 2 Low Sulfur Distillate
No. 2 Ultra Low Sulfur Diesel - Dyed
No. 2 Ultra Low Sulfur Diesel - Undyed

Intended Use: Fuel

Chemical Family: Petroleum Hydrocarbons

Responsible Party: Phillips 66
A Division of ConocoPhillips
Bartlesville, Oklahoma 74007

For Additional MSDSs 800-762-0942

Technical Information: 918-661-8327

The intended use of this product is indicated above. If any additional use is known, please contact us at the Technical Information number listed.

EMERGENCY OVERVIEW

24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident
Call CHEMTREC
North America: (800)424-9300
Others: (703)527-3887 (collect)

California Poison Control System: (800) 356-3129

Health Hazards/Precautionary Measures: Causes severe skin irritation. Aspiration hazard if swallowed. Can enter lungs and cause damage. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash thoroughly after handling.

Physical Hazards/Precautionary Measures: Flammable liquid and vapor. Keep away from heat, sparks, flames, static electricity or other sources of ignition.

Appearance: Straw-colored to dyed red

Physical form: Liquid

Odor: Characteristic petroleum

NFPA Hazard Class:

```
Health:       1 (Slight)
Flammability: 2 (Moderate)
Reactivity:   0 (Least)
```

HMIS Hazard Class

```
Health:           3*(High)
Flammability:     2 (Moderate)
Physical Hazard:  0 (Least)
```

*Indicates possible chronic health effects.

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Diesel Fuel No. 2 CAS# 68476-34-6	100	100 mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	<1	10 ppm	ACGIH	TWA
		15 ppm	ACGIH	STEL
		10 ppm	OSHA	TWA
		250 ppm	NIOSH	IDLH

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

1%=10,000 PPM.

All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

Skin: Severe skin irritant. Contact may cause redness, itching, burning, and severe skin damage. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin, leading to dermatitis (inflammation). Not acutely toxic by skin absorption, but prolonged or repeated skin contact may be harmful (see Section 11).

Inhalation (Breathing): No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion (Swallowing): Low degree of toxicity by ingestion. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Signs and Symptoms: Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract, nausea, diarrhea and transient excitation followed by signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue).

Cancer: Possible skin cancer hazard (see Sections 11 and 15).

Target Organs: There is limited evidence from animal studies that overexposure may cause injury to the kidney (see Section 11).

Developmental: Inadequate data available for this material.

Other Comments: This material may contain polynuclear aromatic hydrocarbons (PNAs) which have been known to produce a phototoxic reaction when contaminated skin is exposed to sunlight. The effect is similar in appearance to an exaggerated sunburn, and is temporary in duration if exposure is discontinued. Continued exposure to sunlight can result in more serious skin problems including pigmentation (discoloration), skin eruptions (pimples), and possible skin cancers.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin disorders and kidney disorders.

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Immediately remove contaminated shoes, clothing, and constrictive jewelry and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek immediate medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek immediate medical attention.

Inhalation (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing. Seek medical attention.

Note To Physicians: High-pressure hydrocarbon injection injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to assess the extent of injury.

5. FIRE FIGHTING MEASURES

Flammable Properties:
Flash Point: 125-180°F/52-82°C (PMCC)
OSHA Flammability Class: Combustible liquid
LEL%: 0.3 / UEL%: 10.0
Autoignition Temperature: 500°F/260°C

Unusual Fire & Explosion Hazards: This material is flammable and can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, or mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). Vapors may travel considerable distances to a source of ignition where they can ignite, flash back, or explode. May create vapor/air explosion hazard indoors, in confined spaces, outdoors, or in sewers. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

Extinguishing Media: Dry chemical, carbon dioxide, or foam is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area, keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk.

Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Flammable. Keep all sources of ignition and hot metal surfaces away from spill/release. The use of explosion-proof equipment is recommended.

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Use foam on spills to minimize vapors (see Section 5). Spilled material may be absorbed into an appropriate absorbent material.

Notify fire authorities and appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (phone number 800-424-8802).

7. HANDLING AND STORAGE

Handling: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel to another. Can accumulate static charge by flow or agitation. Can be ignited by static discharge. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Refer to NFPA-704 and/or API RP 2003 for specific bonding/grounding requirements.

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8).

Do not wear contaminated clothing or shoes. Keep contaminated clothing away from sources of ignition such as sparks or open flames. Use good personal hygiene practices.

High pressure injection of hydrocarbon fuels, hydraulic oils or greases under the skin may have serious consequences even though no symptoms or injury may be apparent. This can happen accidentally when using high pressure equipment such as high pressure grease guns, fuel injection apparatus or from pinhole leaks in tubing of high pressure hydraulic oil equipment.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA regulations, ANSI Z49.1 and other references pertaining to cleaning, repairing, welding, or other contemplated operations.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post area "No Smoking or Open Flame." Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used (see appropriate electrical codes).

Personal Protective Equipment (PPE):

Respiratory: A NIOSH certified air purifying respirator with an organic vapor cartridge may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2).

Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a NIOSH approved self-contained breathing apparatus (SCBA) or equivalent operated in a pressure demand or other positive pressure mode if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin: The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation, and skin damage. Examples of approved materials are nitrile, or Viton® (see glove manufacturer literature for information on permeability). Depending on conditions of use, apron and/or arm covers may be necessary.

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: Eye wash and quick-drench shower facilities should be available in the work area. Thoroughly clean shoes and wash contaminated clothing before reuse. It is recommended that impervious clothing be worn when skin contact is possible.

Suggestions for the use of specific protective materials are based on readily available published data. Users should check with specific manufacturers to confirm the performance of their products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).
Appearance: Straw-colored to dyed red
Physical State: Liquid
Odor: Characteristic petroleum
pH: Not applicable
Vapor Pressure (mm Hg): 0.40
Vapor Density (air=1): >3
Boiling Point/Range: 300-690°F / 366
Freezing/Melting Point: No Data
Solubility in Water: Negligible
Specific Gravity: 0.81-0.88 @60°F
Percent Volatile: Negligible
Evaporation Rate (nBuAc=1): <1
Viscosity: 1.7-4.1 cSt @40°F
Bulk Density: 7.08 lbs/gal
Flash Point: 125-180°F / 52-82°C (PMCC)
Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Flammable liquid and vapor. Vapor can cause flash fire.

Conditions To Avoid: Avoid all possible sources of ignition (see Sections 5 and 7).

Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

Hazardous Decomposition Products: The use of hydrocarbon fuels in an area without adequate ventilation may result in hazardous levels of combustion products (e.g., oxides of carbon, sulfur and nitrogen, benzene and other hydrocarbons) and/or dangerously low oxygen levels. ACGIH has included a TLV of 0.02 mg/m3 TWA for diesel exhaust particulate on its 2002 Notice of Intended Changes. See Section 11 for additional information on hazards of engine exhaust.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Diesel Fuel No. 2 (CAS# 68476-34-6)

Carcinogenicity: Chronic dermal application of certain middle distillate streams contained in diesel fuel No. 2 resulted in an increased incidence of skin tumors in mice. This material has not been identified as a carcinogen by NTP, IARC, or OSHA. IARC has classified Diesel exhaust as probably carcinogenic in humans.

Target Organ(s): Limited evidence of renal impairment has been noted from a few case reports involving excessive exposure to diesel fuel No. 2.

Naphthalene (CAS# 91-20-3)

Carcinogenicity: Naphthalene has been evaluated in two year inhalation studies in both rats and mice. The National Toxicology Program (NTP) concluded that there is clear evidence of carcinogenicity in male and female rats based on increased incidences of respiratory epithelial adenomas and olfactory epithelial neuroblastomas of the nose. NTP found some evidence of carcinogenicity in female mice (alveolar adenomas) and no evidence of carcinogenicity in male mice. Naphthalene has been identified as a carcinogen by IARC.

Acute Data:
Diesel Fuel No. 2
Dermal LD50>5ml/kg (Rabbit)
LC50=No data available
Oral LD50=9 ml/kg (Rat)

12. ECOLOGICAL INFORMATION

Not evaluated at this time

13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, would be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001) and benzene (D018). If the spilled or released material impacts soil, water, or other media, characteristic testing of the contaminated materials may be required prior to their disposal. Further, this material, once it becomes a waste, is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment prior to disposal to meet specific standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14. TRANSPORT INFORMATION

DOT Shipping Description:	Diesel fuel,3 or Combustible liquid*,UN1202**,III
Non-Bulk Package Marking:	Diesel fuel, UN1202** or None
Non-Bulk Package Label:	Flammable or None
Bulk Package Placard/Marking:	Flammable/1202
Hazardous Substance/RQ	None
Packaging References	49 CFR 173.150, 173.203, 173.241
Emergency Response Guide:	128

Note: *This product may be reclassed as a combustible liquid when shipped domestically or by rail or highway. If reclassed as a combustible liquid, this product is not regulated by DOT when shipped in non-bulk packages.

**NA1993 may be used instead of UN1202 for land transportation.

15. REGULATORY INFORMATION

EPA SARA 311/312 (Title III Hazard Categories):

Acute Health:	Yes
Chronic Health:	Yes
Fire Hazard:	Yes
Pressure Hazard:	No
Reactive Hazard:	No

SARA 313 and 40 CFR 372:
This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

Component	CAS Number	Weight %
Naphthalene	91-20-3	<1

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

Component	Effect
Benzene	Cancer, Developmental and Reproductive Toxicant
Toluene	Developmental Toxicant

Diesel engine exhaust, while not a component of this material, is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any. Diesel exhaust is a probable cancer hazard based on tests in laboratory animals. It has been identified as a carcinogen by IARC.

EPA (CERCLA) Reportable Quantity:

--None--

Canada - Domestic Substances List: Listed

WHMIS Class:

B2-Flammable Liquid
D2B-Materials causing other toxic effects - Toxic Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Issue Date: 02/13/03
Previous Issue Date: 01/01/03
Product Code: Multiple
Revised Sections: 1, 3, 5, 16
Previous Product Code: Multiple
MSDS Number: 001847
Status: Final

Disclaimer of Expressed and Implied Warranties:

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared. **HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.** No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ 2006 AUG 31 PM 2 28 VERBAL APPROVAL – BRANDON POWELL 8/23/06	4. Generator: San Juan Casing
	5. Originating Site: Williams-Rosa #312 DIR
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Williams-Rosa #312 DIR	Project # 06145-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

AUG 2006

Accept soil contaminated with diesel. A truck fuel tank on a 2006 Ford F550 cracked and leaked diesel

CWS and MSDS for Phillips #2 diesel attached.

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

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: August 16, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirol Spec. DATE: 8/28/06

APPROVED BY: [signature] TITLE: Environ Engr DATE: 9/20/06

ENVIROTECH INC.

Bill of Lading

MANIFEST # 25090

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 4-17-06 JOB # 03056-040-035

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Elm Ridge Fed #3-23	LF2	cont. Soil	F-12	20		Franks	3	11:00	R T.
2	Fed #3-23	LF2	cont. Soil	F-13	10		Franks	1	11:00	Ronnie
3	Fed #3-23	LF2	cont. Soil	F-14	10		Franks	2	11:00	Oscar C.
4	Fed #3-23	LF2	cont. Soil	F-15	20		Franks	443	11:00	J L
5	Fed #3-23	LF2	cont. Soil	F-16	10		Franks	1	12:50	Ronnie
6	Fed #3-23	LF2	cont. Soil	F-17	20		Franks	443	1:10	J L
7	Fed #3-23	LF2	Cont. Soil	F-18	20		Franks	443	3:08	J L
8	Fed #3-23	LF2	Cont. Soil	F-19	10		Franks	1	3:09	Ronnie
9	Fed #3-23	LF2	Cont Soil	F-16	10		Franks	2	4:45	Oscar Campos
					130					

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Jeffrey Miles COMPANY Envirotech SIGNATURE Jeffrey Miles

COMPANY CONTACT _____ PHONE _____ DATE _____

san juan reproduction 578-126

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL – BRANDON POWELL 8/23/06	4. Generator: San Juan Casing 5. Originating Site: Williams-Rosa #312 DIR
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Williams-Rosa #312 DIR	Project # 06145-001

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Accept soil contaminated with diesel. A truck fuel tank on a 2006 Ford F550 cracked and leaked diesel.

CWS and MSDS for Phillips #2 diesel attached.

AUG 2006 RECEIVED OIL CONS. DIV.

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

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: August 16, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: _____ DATE: 8/28/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
San Juan Casing Service, LLC 6101 E Main St Farmington NM 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Williams Exploration & Production Well # Rosa Unit 312 DIR attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Diesel fuel tank on 2006 Ford F-550 Cracked and Leaked Diesel	

I, Debra P Visconti representative for :
Print Name

San Juan Casing Service, LLC do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___**EXEMPT** oilfield waste

✓ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Debra P. Visconti

Title: CFO

Phone Number: 325-5835

Date: 8-23-06

MATERIAL SAFETY DATA SHEET
Phillips No. 2 Diesel

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Phillips No. 2 Diesel

Product Code: Multiple

Synonyms: #2 Distillate; #2 HIgh Sulfur Diesel - Dyed; #2 Low Sulfur Diesel - Dyed
1354
CARB Diesel TF3; CARB Diesel; CARB Diesel 10%
Diesel Fuel Oil
EPA Low Sulfur Diesel Fuel
EPA Low Sulfur Diesel Fuel - Dyed
EPA Off Road High Sulfur Diesel - Dyed
High Sulfur Diesel Fuel
Low Sulfur Diesel Fuel
No. 2 Diesel Fuel Oil
No. 2 High Sulfur Diesel - Dyed
No. 2 Low Sulfur Diesel - Dyed
No. 2 Low Sulfur Diesel - Undyed
No. 2 Low Sulfur Distillate
No. 2 Ultra Low Sulfur Diesel - Dyed
No. 2 Ultra Low Sulfur Diesel - Undyed

Intended Use: Fuel

Chemical Family: Petroleum Hydrocarbons

Responsible Party: Phillips 66
A Division of ConocoPhillips
Bartlesville, Oklahoma 74007

For Additional MSDSs 800-762-0942

Technical Information: 918-661-8327

The intended use of this product is indicated above. If any additional use is known, please contact us at the Technical Information number listed.

EMERGENCY OVERVIEW

24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident
Call CHEMTREC
North America: (800)424-9300
Others: (703)527-3887 (collect)

California Poison Control System: (800) 356-3129

Health Hazards/Precautionary Measures: Causes severe skin irritation. Aspiration hazard if swallowed. Can enter lungs and cause damage. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Do not taste or swallow. Wash thoroughly after handling.

Physical Hazards/Precautionary Measures: Flammable liquid and vapor. Keep away from heat, sparks, flames, static electricity or other sources of ignition.

Appearance: Straw-colored to dyed red

Physical form: Liquid

Odor: Characteristic petroleum

NFPA Hazard Class:

```
Health:       1 (Slight)
Flammability:2 (Moderate)
Reactivity:   0 (Least)
```

HMIS Hazard Class

```
Health:           3*(High)
Flammability:     2 (Moderate)
Physical Hazard:  0 (Least)
```

*Indicates possible chronic health effects.

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Diesel Fuel No. 2 CAS# 68476-34-6	100	100 mg/m3	ACGIH	TWA-SKIN
Naphthalene CAS# 91-20-3	<1	10 ppm	ACGIH	TWA
		15 ppm	ACGIH	STEL
		10 ppm	OSHA	TWA
		250 ppm	NIOSH	IDLH

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

1%=10,000 PPM.

All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

Skin: Severe skin irritant. Contact may cause redness, itching, burning, and severe skin damage. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin, leading to dermatitis (inflammation). Not acutely toxic by skin absorption, but prolonged or repeated skin contact may be harmful (see Section 11).

Inhalation (Breathing): No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion (Swallowing): Low degree of toxicity by ingestion. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Signs and Symptoms: Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract, nausea, diarrhea and transient excitation followed by signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue).

Cancer: Possible skin cancer hazard (see Sections 11 and 15).

Target Organs: There is limited evidence from animal studies that overexposure may cause injury to the kidney (see Section 11).

Developmental: Inadequate data available for this material.

Other Comments: This material may contain polynuclear aromatic hydrocarbons (PNAs) which have been known to produce a photototoxic reaction when contaminated skin is exposed to sunlight. The effect is similar in appearance to an exaggerated sunburn, and is temporary in duration if exposure is discontinued. Continued exposure to sunlight can result in more serious skin problems including pigmentation (discoloration), skin eruptions (pimples), and possible skin cancers.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin disorders and kidney disorders.

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

Skin: Immediately remove contaminated shoes, clothing, and constrictive jewelry and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek immediate medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek immediate medical attention.

Inhalation (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing. Seek medical attention.

Note To Physicians: High-pressure hydrocarbon injection injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to assess the extent of injury.

5. FIRE FIGHTING MEASURES

Flammable Properties:
Flash Point: 125-180°F/52-82°C (PMCC)
OSHA Flammability Class: Combustible liquid
LEL%: 0.3 / UEL%: 10.0
Autoignition Temperature: 500°F/260°C

Unusual Fire & Explosion Hazards: This material is flammable and can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, or mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe). Vapors may travel considerable distances to a source of ignition where they can ignite, flash back, or explode. May create vapor/air explosion hazard indoors, in confined spaces, outdoors, or in sewers. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

Extinguishing Media: Dry chemical, carbon dioxide, or foam is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Water may be ineffective for extinguishment, unless used under favorable conditions by experienced fire fighters.

Fire Fighting Instructions: For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area, keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk.

Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Flammable. Keep all sources of ignition and hot metal surfaces away from spill/release. The use of explosion-proof equipment is recommended.

Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section 8).

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Use foam on spills to minimize vapors (see Section 5). Spilled material may be absorbed into an appropriate absorbent material.

Notify fire authorities and appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (phone number 800-424-8802).

7. HANDLING AND STORAGE

Handling: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel to another. Can accumulate static charge by flow or agitation. Can be ignited by static discharge. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Refer to NFPA-704 and/or API RP 2003 for specific bonding/grounding requirements.

Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8).

Do not wear contaminated clothing or shoes. Keep contaminated clothing away from sources of ignition such as sparks or open flames. Use good personal hygiene practices.

High pressure injection of hydrocarbon fuels, hydraulic oils or greases under the skin may have serious consequences even though no symptoms or injury may be apparent. This can happen accidentally when using high pressure equipment such as high pressure grease guns, fuel injection apparatus or from pinhole leaks in tubing of high pressure hydraulic oil equipment.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA regulations, ANSI Z49.1 and other references pertaining to cleaning, repairing, welding, or other contemplated operations.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post area "No Smoking or Open Flame." Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used (see appropriate electrical codes).

Personal Protective Equipment (PPE):

Respiratory: A NIOSH certified air purifying respirator with an organic vapor cartridge may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2).

Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a NIOSH approved self-contained breathing apparatus (SCBA) or equivalent operated in a pressure demand or other positive pressure mode if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin: The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation, and skin damage. Examples of approved materials are nitrile, or Viton® (see glove manufacturer literature for information on permeability). Depending on conditions of use, apron and/or arm covers may be necessary.

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: Eye wash and quick-drench shower facilities should be available in the work area. Thoroughly clean shoes and wash contaminated clothing before reuse. It is recommended that impervious clothing be worn when skin contact is possible.

Suggestions for the use of specific protective materials are based on readily available published data. Users should check with specific manufacturers to confirm the performance of their products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).
Appearance: Straw-colored to dyed red
Physical State: Liquid
Odor: Characteristic petroleum
pH: Not applicable
Vapor Pressure (mm Hg): 0.40
Vapor Density (air=1): >3
Boiling Point/Range: 300-690°F / 366
Freezing/Melting Point: No Data
Solubility in Water: Negligible
Specific Gravity: 0.81-0.88 @60°F
Percent Volatile: Negligible
Evaporation Rate (nBuAc=1): <1
Viscosity: 1.7-4.1 cSt @40°F
Bulk Density: 7.08 lbs/gal
Flash Point: 125-180°F / 52-82°C (PMCC)
Flammable/Explosive Limits (%): LEL: 0.3 / UEL: 10.0

10. STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. Flammable liquid and vapor. Vapor can cause flash fire.

Conditions To Avoid: Avoid all possible sources of ignition (see Sections 5 and 7).

Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc.

Hazardous Decomposition Products: The use of hydrocarbon fuels in an area without adequate ventilation may result in hazardous levels of combustion products (e.g., oxides of carbon, sulfur and nitrogen, benzene and other hydrocarbons) and/or dangerously low oxygen levels. ACGIH has included a TLV of 0.02 mg/m3 TWA for diesel exhaust particulate on its 2002 Notice of Intended Changes. See Section 11 for additional information on hazards of engine exhaust.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Diesel Fuel No. 2 (CAS# 68476-34-6)

Carcinogenicity: Chronic dermal application of certain middle distillate streams contained in diesel fuel No. 2 resulted in an increased incidence of skin tumors in mice. This material has not been identified as a carcinogen by NTP, IARC, or OSHA. IARC has classified Diesel exhaust as probably carcinogenic in humans.

Target Organ(s): Limited evidence of renal impairment has been noted from a few case reports involving excessive exposure to diesel fuel No. 2.

Naphthalene (CAS# 91-20-3)

Carcinogenicity: Naphthalene has been evaluated in two year inhalation studies in both rats and mice. The National Toxicology Program (NTP) concluded that there is clear evidence of carcinogenicity in male and female rats based on increased incidences of respiratory epithelial adenomas and olfactory epithelial neuroblastomas of the nose. NTP found some evidence of carcinogenicity in female mice (alveolar adenomas) and no evidence of carcinogenicity in male mice. Naphthalene has been identified as a carcinogen by IARC.

Acute Data:
Diesel Fuel No. 2
Dermal LD50>5ml/kg (Rabbit)
LC50=No data available
Oral LD50=9 ml/kg (Rat)

12. ECOLOGICAL INFORMATION

Not evaluated at this time

13. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, would be a RCRA "characteristic" hazardous waste due to the characteristic(s) of ignitability (D001) and benzene (D018). If the spilled or released material impacts soil, water, or other media, characteristic testing of the contaminated materials may be required prior to their disposal. Further, this material, once it becomes a waste, is subject to the land disposal restrictions in 40 CFR 268.40 and may require treatment prior to disposal to meet specific standards. Consult state and local regulations to determine whether they are more stringent than the federal requirements.

Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

14. TRANSPORT INFORMATION

DOT Shipping Description:	Diesel fuel,3 or Combustible liquid*,UN1202**,III
Non-Bulk Package Marking:	Diesel fuel, UN1202** or None
Non-Bulk Package Label:	Flammable or None
Bulk Package Placard/Marking:	Flammable/1202
Hazardous Substance/RQ	None
Packaging References	49 CFR 173.150, 173.203, 173.241
Emergency Response Guide:	128

Note: *This product may be reclassed as a combustible liquid when shipped domestically or by rail or highway. If reclassed as a combustible liquid, this product is not regulated by DOT when shipped in non-bulk packages.

**NA1993 may be used instead of UN1202 for land transportation.

15. REGULATORY INFORMATION

EPA SARA 311/312 (Title III Hazard Categories):

Acute Health:	Yes
Chronic Health:	Yes
Fire Hazard:	Yes
Pressure Hazard:	No
Reactive Hazard:	No

SARA 313 and 40 CFR 372:
This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

Component	CAS Number	Weight %
Naphthalene	91-20-3	<1

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

Component	Effect
Benzene	Cancer, Developmental and Reproductive Toxicant
Toluene	Developmental Toxicant

Diesel engine exhaust, while not a component of this material, is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

Carcinogen Identification:

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any. Diesel exhaust is a probable cancer hazard based on tests in laboratory animals. It has been identified as a carcinogen by IARC.

EPA (CERCLA) Reportable Quantity:

--None--

Canada - Domestic Substances List: Listed

WHMIS Class:

B2-Flammable Liquid
D2B-Materials causing other toxic effects - Toxic Material

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Issue Date: 02/13/03
Previous Issue Date: 01/01/03
Product Code: Multiple
Revised Sections: 1, 3, 5, 16
Previous Product Code: Multiple
MSDS Number: 001847
Status: Final

Disclaimer of Expressed and Implied Warranties:

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Energy Minerals and Natural Resources

Oil Conservation Division
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1220 S. St. Francis Drive
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL FROM BRANDON POWELL 11/03/06	4. Generator: Conoco Phillips 5. Originating Site: Krause WN Fed 5E
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit E; Sec 28; T 28N; R 11W San Juan County	Project: # 96052-673

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 4 cy soil contaminated with refined oil from spill from air compressors on location after oil filters on engine were loosened by vandals. Testing performed at Hall Environmental 10/16/2006 (RCRA Totals Metals results divisible by 20) showed the following levels: Arsenic nondetect; Barium 88 mg/Kg; Cadmium nondetect; Chromium 5.5 mg/Kg; Lead 4.5 mg/Kg; Selenium nondetect and Silver nondetect. Results divided by 20 showed Barium 4.4 (allowable 100.0); Chromium 0.275 (allowable 5.0); Lead 0.225 (allowable 5.0).

RCVD NOV7'0
OIL CONS. DIV.

CWS and analyticals attached

DIST. 3

Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent
TITLE: Environmental Geologist DATE: 11/03/06

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 11/7/06

APPROVED BY: [signature] TITLE: Environ Engr DATE: 11/13/06

ENVIROTECH INC.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

CONTINUOUS CALIBRATION
EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Cal. Date: 10-Apr-06

Parameter	Standard Concentration mg/L	Concentration Reading mg/L
TPH	100	115
	200	
	500	
	1000	

The accepted percent relative deviation (%RSD) of the calibration factor is less than 20% over the working range.

Analyst

5/2/06
Date

Review

5/3/06
Date

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

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

State of New Mexico
Energy Minerals and Natural Resources

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CWS and analyticals attached

RCVD NOV7'06
OIL CONS. DIV.
DIST. 3

Estimated Volume 4 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust Waste Management Facility Authorized Agent TITLE: Environmental Geologist DATE: 11/03/06

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

220

A 0570 2a rd 96052-67

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): Krause WN Federal #5E hCOP API# 30-045-24121 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): U- E S- 28 T- 28N R- 11W San Juan County, New Mexico Street Address: _____
4. Source and Description of Waste Refined oil from spill from air compressors on location after oil filters on engine were loosened. Approx. 4 cy.	
5. 40901119	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 11/3/06

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Oct-06*

CLIENT:	Envirotech	Client Sample ID:	38856
Lab Order:	0610190	Collection Date:	10/16/2006 10:00:00 AM
Project:	Conoco Phillips	Date Received:	10/18/2006
Lab ID:	0610190-01	Matrix:	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 7471: MERCURY						Analyst: MAP
Mercury	ND	0.033		mg/Kg	1	10/24/2006
EPA METHOD 6010B: SOIL METALS						Analyst: NMO
Arsenic	ND	12		mg/Kg	5	10/20/2006 10:45:46 AM
Barium	88	0.50		mg/Kg	5	10/20/2006 10:45:46 AM
Cadmium	ND	0.50		mg/Kg	5	10/20/2006 10:45:46 AM
Chromium	5.5	1.5		mg/Kg	5	10/20/2006 10:45:46 AM
Lead	4.5	1.2		mg/Kg	5	10/20/2006 10:45:46 AM
Selenium	ND	12		mg/Kg	5	10/20/2006 10:45:46 AM
Silver	ND	1.2		mg/Kg	5	10/20/2006 10:45:46 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Conoco Phillips
Work Order: 0610190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW7471									
Sample ID: MB-11561		*MBLK*			Batch ID: 11561		Analysis Date: 10/24/2006		
Mercury	ND	mg/Kg	0.033						
Sample ID: LCS-11561		*LCS*			Batch ID: 11561		Analysis Date: 10/24/2006		
Mercury	0.1780	mg/Kg	0.033	107	80	120			
Method: SW6010A									
Sample ID: MB-11526		*MBLK*			Batch ID: 11526		Analysis Date: 10/20/2006 8:41:54 AM		
Arsenic	ND	mg/Kg	2.5						
Barium	ND	mg/Kg	0.10						
Cadmium	ND	mg/Kg	0.10						
Chromium	ND	mg/Kg	0.30						
Lead	ND	mg/Kg	0.25						
Silver	ND	mg/Kg	0.25						
Sample ID: MB-11526		*MBLK*			Batch ID: 11526		Analysis Date: 10/20/2006 8:41:54 AM		
Selenium	ND	mg/Kg	2.5						
Sample ID: LCS-11526		*LCS*			Batch ID: 11526		Analysis Date: 10/20/2006 8:45:00 AM		
Arsenic	26.11	mg/Kg	2.5	104	80	120			
Barium	23.92	mg/Kg	0.10	95.5	80	120			
Cadmium	24.41	mg/Kg	0.10	97.6	80	120			
Chromium	24.80	mg/Kg	0.30	99.2	80	120			
Lead	24.46	mg/Kg	0.25	97.9	80	120			
Silver	24.50	mg/Kg	0.25	98.0	80	120			
Sample ID: LCS-11526		*LCS*			Batch ID: 11526		Analysis Date: 10/20/2006 8:45:00 AM		
Selenium	22.47	mg/Kg	2.5	89.9	80	120			

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S 2 / 3 recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ENV T | Date and Time Received: 10/18/2006

Work Order Number 0610190 | Received by GLS

Checklist completed by D Schupp 10-18-06
Signature | Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? **17°** *4° C ± 2 Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding

Comments:

Corrective Action

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other: _____

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: ENVIROTECH

Address: 5796 US HWY 64
FARMINGTON NM
87401

Phone #: 505 632-0651

~~Fax #~~:

email: dajeman@envirotech-inc.com

Project Name: CONOCO PHILLIPS

Project #: 96052-026

Project Manager: DENNIS AJEMAN

Sampler: MELVIN HERBERT

Sample Temperature: COOL 17°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
10/16/06	1000	SOIL	38856	1-4oz. JAR				0610190 -1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles or Headspace (Y or N)
							✓									

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	
10/17/06	11:05			10-18-06 1400
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

Remarks: REF PO# 4950

CHAIN OF CUSTODY RECORD

1595

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	Krause WN Fed 5E	
Sampler: Melvin Herbert	Client No. 96052-026	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	metals RCRA 8						Remarks
Spill	10/14/06	1000	38852	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Melvin Herbert	10/14/06	1220	Christa Walte	10/14/06	1220
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Greg Wertz

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

san juan reproduction 578-129

RECEIVED
NOV 0 2006
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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Energy Minerals and Natural Resources

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	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

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BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS. and TCLP dated 9/27/2006 attached.

RCVD NOV 7 '06
OIL CONS. DIV.
DIST. 3

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/6/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir Spec DATE: 11/7/06

APPROVED BY: _____ TITLE: _____ DATE: 11/13/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	04-14-BTEX QA/QC	Date Reported:	04-14-06
Laboratory Number:	36764	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	04-14-06
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff. Accept. Range 0 - 15%	Blank Conc	Detect. Limit
Benzene	6.8656E+007	6.8793E+007	**0.2%**	**ND**	**0.2**
Toluene	7.8171E+007	7.8328E+007	**0.2%**	**ND**	**0.2**
Ethylbenzene	5.6253E+007	5.6365E+007	**0.2%**	**ND**	**0.2**
p,m-Xylene	1.4372E+008	1.4401E+008	**0.2%**	**ND**	**0.2**
o-Xylene	6.9168E+007	6.9307E+007	**0.2%**	**ND**	**0.1**

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	**ND**	**ND**	**0.0%**	**0 - 30%**	**1.8**
Toluene	**16.4**	**16.4**	**0.0%**	**0 - 30%**	**1.7**
Ethylbenzene	**5.5**	**5.5**	**0.0%**	**0 - 30%**	**1.5**
p,m-Xylene	**66.5**	**66.4**	**0.2%**	**0 - 30%**	**2.2**
o-Xylene	**17.5**	**17.4**	**0.6%**	**0 - 30%**	**1.0**

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	**ND**	**50.0**	**50.0**	**100.0%**	**39 - 150**
Toluene	**16.4**	**50.0**	**66.3**	**99.8%**	**46 - 148**
Ethylbenzene	**5.5**	**50.0**	**55.5**	**100.0%**	**32 - 160**
p,m-Xylene	**66.5**	**100**	**166**	**99.9%**	**46 - 148**
o-Xylene	**17.5**	**50.0**	**67.4**	**99.9%**	**46 - 148**

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: **QA/QC for Samples 36764 - 36766, 36768, 36770 - 36771.**

Analyst

Review

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

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	5. Originating Site: Wash Bay
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RCVD NOV7'0
OIL CONS. DI
DIST. 3

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/6/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Halliburton Energy Services 4109 E. Main Farmington NM. 87402	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Halliburton Energy Services. Main Yard attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 4109 East Main Farmington NM.
4. Source and Description of Waste Dirt, Mud, from Truck washing operations. Waste is from grit pit in wash bays.	

I, Richard Fussner (Print Name) representative for :

Halliburton Energy Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Richard Fussner 196473

Title: ___**Facilities Supervisor**

Phone Number: _**505 324-3500**

Date: Nov. 6,2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump	Date Reported:	09-27-06
Lab ID#:	38633	Date Sampled:	09-27-06
Sample Matrix:	Sludge / Soil	Date Received:	09-27-06
Preservative:	Cool	Date Analyzed:	09-27-06
Condition:	Cool and Intact	Chain of Custody:	1515

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 7.81**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Wash Bay Sump**

Christine M Walden
Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	09-27-06
Chain of Custody:	1515	Date Received:	09-27-06
Sample Matrix:	TCLP Extract	Date Extracted:	09-27-06
Preservative:	Cool	Date Analyzed:	10-03-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	99.8%
	1,4-difluorobenzene	99.9%
	4-bromochlorobenzene	99.8%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

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

Comments: **Wash Bay Sump.**

Christine M Walters
Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	09-27-06
Chain of Custody:	1515	Date Received:	09-27-06
Sample Matrix:	TCLP Extract	Date Extracted:	09-27-06
Preservative:	Cool	Date Analyzed:	10-03-06
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	**99%**
	2,4,6-Tribromophenol	**100%**

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

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

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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

Comments: **Wash Bay Sump.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091
Nitroaromatics and Cyclic Ketones

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	09-27-06
Chain of Custody:	1515	Date Received:	09-27-06
Sample Matrix:	TCLP Extract	Date Extracted:	09-27-06
Preservative:	Cool	Date Analyzed:	10-03-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	**ND**	**0.020**	**5.0**
Hexachloroethane	**ND**	**0.020**	**3.0**
Nitrobenzene	**0.077**	**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.

Surrogate Recoveries:	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 8091, 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: **Wash Bay Sump.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump	Date Reported:	09-28-06
Laboratory Number:	38633	Date Sampled:	09-27-06
Chain of Custody:	1515	Date Received:	09-27-06
Sample Matrix:	TCLP Extract	Date Analyzed:	09-28-06
Preservative:	Cool	Date Extracted:	09-27-06
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.052**	**0.001**	**5.0**
Barium	**1.21**	**0.001**	**100**
Cadmium	**0.014**	**0.001**	**1.0**
Chromium	**0.006**	**0.001**	**5.0**
Lead	**0.001**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.129**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Wash Bay Sump**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8260
AROMATIC / HALOGENATED VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-03-TCV QA/QC	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	N/A
Sample Matrix:	N/A	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-03-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Concentration (mg/L)	Detection Limit	Laboratory Blank	Method Blank	Sample Conc.	Duplicate Conc.	Percent Difference
Vinyl Chloride	0.0001	ND	ND	ND	ND	0.0%
1,1-Dichloroethene	0.0001	ND	ND	ND	ND	0.0%
2-Butanone (MEK)	0.0001	ND	ND	ND	ND	0.0%
Chloroform	0.0001	ND	ND	ND	ND	0.0%
Carbon Tetrachloride	0.0001	ND	ND	ND	ND	0.0%
Benzene	0.0001	ND	ND	ND	ND	0.0%
1,2-Dichloroethane	0.0001	ND	ND	ND	ND	0.0%
Trichloroethene	0.0003	ND	ND	ND	ND	0.0%
Tetrachloroethene	0.0005	ND	ND	ND	ND	0.0%
Chlorobenzene	0.0003	ND	ND	ND	ND	0.0%
1,4-Dichlorobenzene	0.0002	ND	ND	ND	ND	0.0%

Matrix Spike Concentration (mg/L)	Amount Spiked	Sample Result	Spike Result	Percent Recovery	Acceptable Range
Vinyl Chloride	0.1000	ND	0.0999	99.9%	26-163
1,1-Dichloroethene	0.1000	ND	0.1000	100.0%	43-143
2-Butanone (MEK)	0.1000	ND	0.1000	100.0%	47-132
Chloroform	0.1000	ND	0.0998	99.8%	49-133
Carbon Tetrachloride	0.1000	ND	0.0999	99.9%	43-143
Benzene	0.1000	ND	0.1000	100.0%	39-150
1,2-Dichloroethane	0.1000	ND	0.0998	99.8%	51-147
Trichloroethene	0.1000	ND	0.0993	99.3%	35-146
Tetrachloroethene	0.1000	ND	0.0999	99.9%	26-162
Chlorobenzene	0.1000	ND	0.0994	99.4%	38-150
1,4-Dichlorobenzene	0.1000	ND	0.0999	99.9%	42-143

References:
Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

Comments: **QA/QC for sample 38633 and 38649.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-03-TCA QA/QC	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-03-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
o-Cresol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
p,m-Cresol	**ND**	**ND**	**0.040**	**ND**	**ND**	**0.0%**
2,4,6-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
2,4,5-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Pentachlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**

ND - Parameter not detected at the stated detection limit.

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 8041, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for sample 38633 and 38649.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091

Nitroaromatics and Cyclic Ketones

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-03-TBN QA/QC	Date Reported:	10-03-06
Laboratory Number:	38633	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-03-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
Pyridine	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
Hexachloroethane	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
Nitrobenzene	**ND**	**ND**	**0.020**	**0.077**	**0.075**	**0.28%**
Hexachlorobutadiene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
2,4-Dinitrotoluene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
HexachloroBenzene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**

ND - Parameter not detected at the stated detection limit.

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 8091, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for samples 38633 and 38649.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	09-28-TCM QA/QC	Date Reported:	09-28-06
Laboratory Number:	38633	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	09-28-06
Condition:	N/A	Date Extracted:	09-27-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.052**	**0.056**	**7.7%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**1.21**	**1.19**	**1.7%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.014**	**0.014**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.006**	**0.006**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.001**	**0.001**	**0.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**0.129**	**0.132**	**2.3%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**0.001**	**0.001**	**0.0%**	**0% - 30%**

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.052**	**0.551**	**99.8%**	**80% - 120%**
Barium	**0.500**	**1.21**	**1.70**	**99.4%**	**80% - 120%**
Cadmium	**0.500**	**0.014**	**0.512**	**99.6%**	**80% - 120%**
Chromium	**0.500**	**0.006**	**0.506**	**100.0%**	**80% - 120%**
Lead	**0.500**	**0.001**	**0.500**	**99.8%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**0.129**	**0.627**	**99.7%**	**80% - 120%**
Silver	**0.500**	**0.001**	**0.501**	**100.0%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38633**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1515

Client / Project Name	Project Location
Halliburton	Wash Bay Sump
Sampler: MPM	Client No. 92132-001

ANALYSIS / PARAMETERS

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP						Remarks
Wash Bay Sump	9/27/06	0841	38633	sludge/soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
MPM	9/27/06	0908	Blake Wall	9/27/06	0908
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

150

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL BRANDON POWELL 8/1/06	4. Generator: Burlington Resources
	5. Originating Site: San Juan 32-9 #115
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit I; Sec 1, T 31N; R 10W	Project #92115-096

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept hydrocarbon impacted soil from a cleanup of a small spill of new compressor oil.

CWS and MSDS for Exxon Mobil Pegasus 805 attached.

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

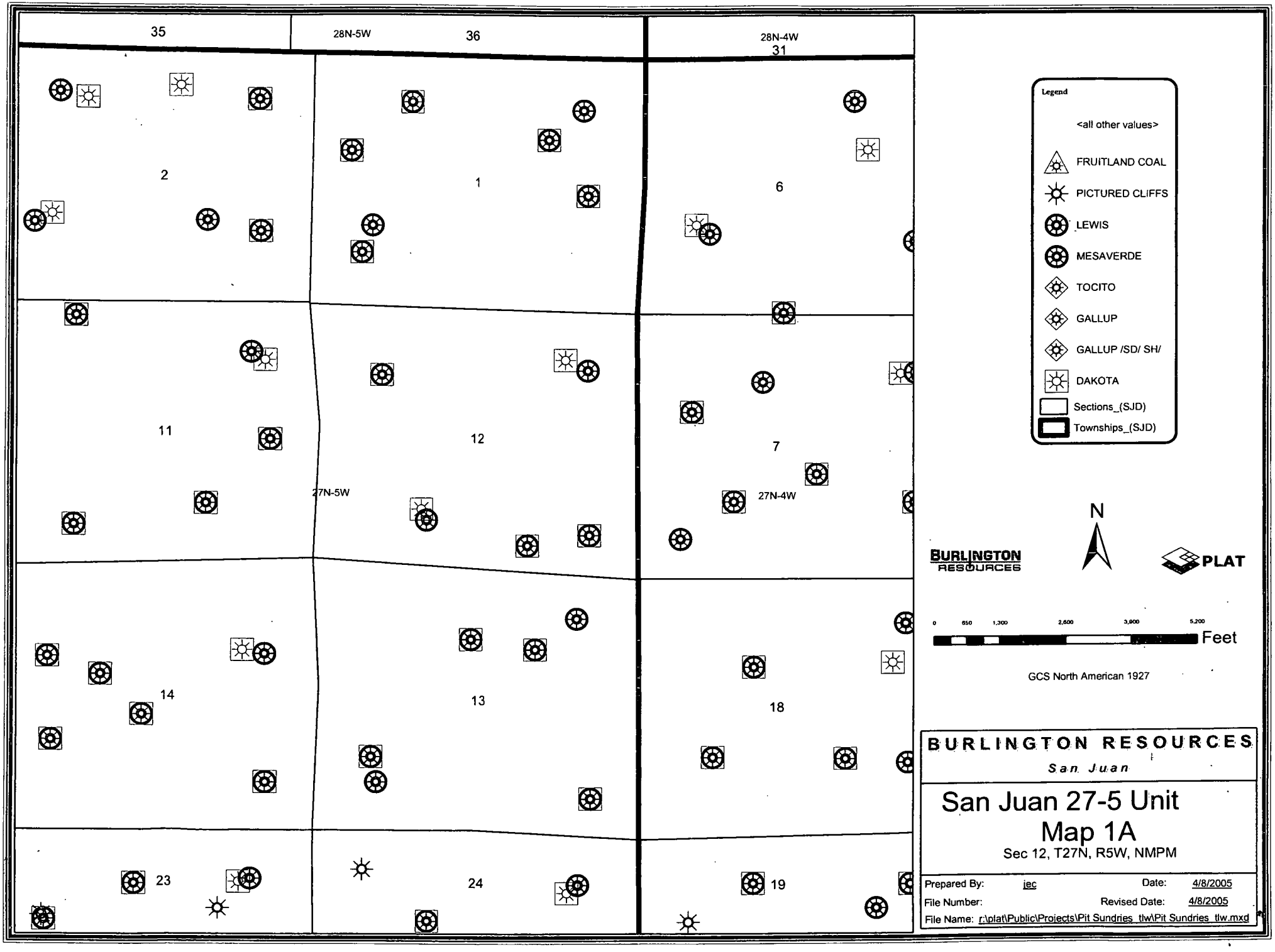
SIGNATURE Morris D Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 08/01/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: Envirospec DATE: 8/9/06

APPROVED BY: _____ TITLE: Environ Engr DATE: 8/30/06



BURLINGTON RESOURCES

San Juan

San Juan 27-5 Unit
Map 1A

Sec 12, T27N, R5W, NMPM

Prepared By:	jec	Date:	4/8/2005
File Number:		Revised Date:	4/8/2005

File Name: r:\plat\Public\Projects\Pit Sundries_tlw\Pit Sundries_tlw.mxd

92115 - 096

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Burlington Resources **3401 E 30th. St.** **Farmington, New Mexico 87499**	**Envirotech Inc. Soil Remediation Facility** **Landfarm #2** **Hilltop, NM** **Phone # 505-632-0615 Fax No# 505-632-1865**
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan 32-9 Unit #115	UL- _L__ S- __1_ T- __31N___ R- __10W____or attach list Street Address: _____
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Hydrocarbon impacted soil from the cleanup of a small spill of new compressor oil.	
5.	

I, ___Ed Haselv___ _____representative for :
Print Name

___ConocoPhillips___do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

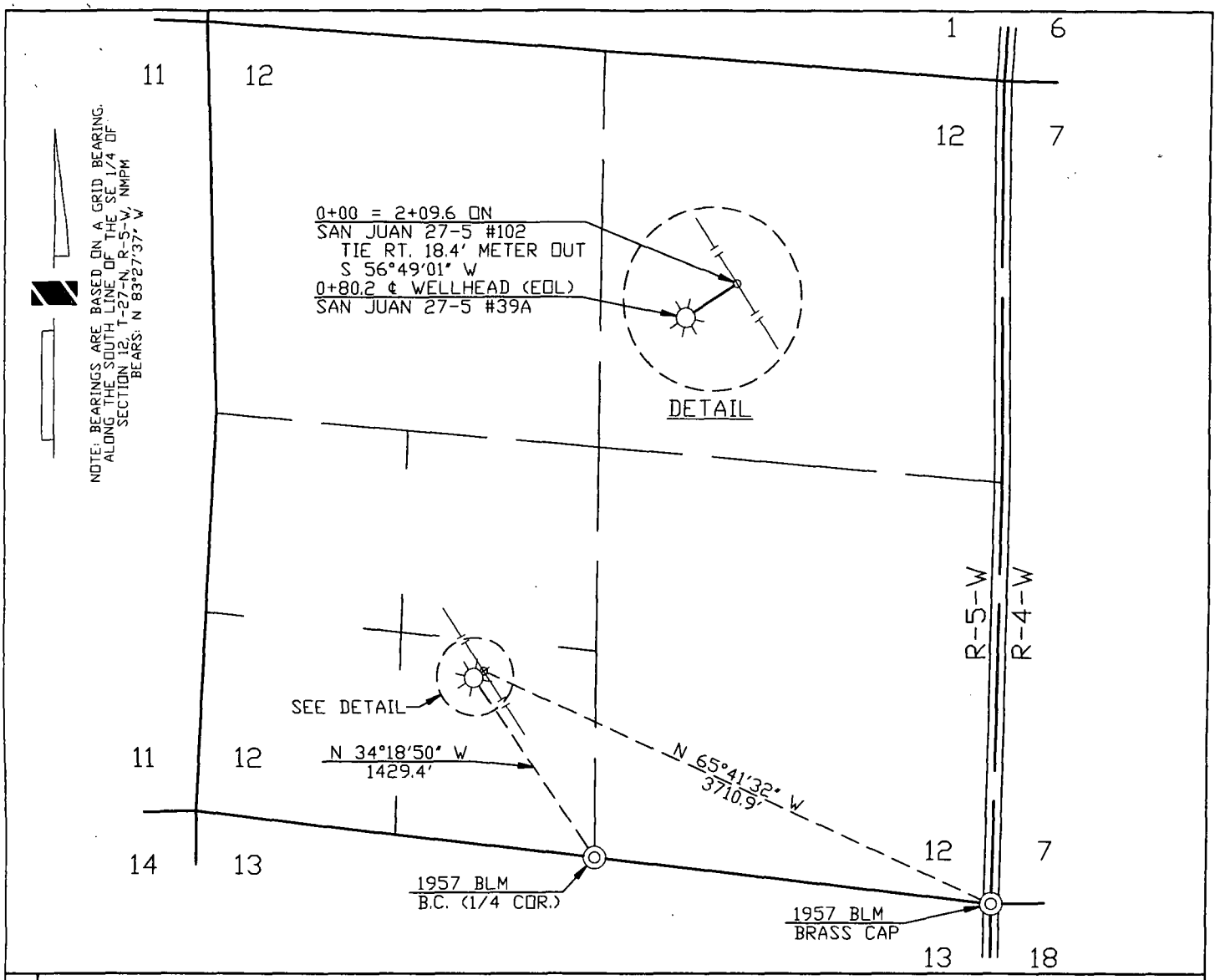
For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

__X__MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ed Haselv

Title: Env. Rep
Date: 8/1/06



PIPE DATA

OWNERSHIP

SUBDIVISION	OWNER	FEET	MILES	ACRES	RODS	
0+00 TO 0+80.2	BUREAU OF LAND MANAGEMENT	80.2	0.015	0.074	4.861	

REVISION

NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.
1	8/11/05	AM	ISSUED FOR REVIEW		PB								

INFO		DRAFTING	BY	DATE
R/W #:	06201	DRAWN BY	AM	8/11/05
METER #:		CHECKED BY	PB	8/15/05
SURVEYED:	8/8/05	APPROVED BY		
		ENGINEER	BY	DATE
		DESIGNED BY		
		PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: RIO ARRIBA

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

SAN JUAN GATHERING SYSTEM
BROG - SAN JUAN 27-5 #39A
0+00 = 2+09.6 ON SAN JUAN 27-5 #102
(REF DWG. 7L765.0-49-1)
SEC. 12, T-27-N, R-5-W, NMPM

SCALE: 1" = 1000'
W.O. NO.

DWG NO. 7L765.0-185-1

SHEET 1 OF 1 | REV 1

T:\DS\MAPPING\DRAWINGS\SANJUAN\765\00\7L7650-185-1_R01.DWG 08/24/2005 3:11PM PAULB

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Burlington Resources **3401 E 30th. St.** **Farmington, New Mexico 87499**	**Envirotech Inc. Soil Remediation Facility** **Landfarm #2** **Hilltop, NM** **Phone # 505-632-0615 Fax No# 505-632-1865**
3. Originating Site (name): **San Juan 32-9 Unit #115** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): UL- _L__ S- __1_ T- __31N___ R- __10W____or attach list Street Address: _____
4. Source and Description of Waste **Hydrocarbon impacted soil from the cleanup of a small compressor oil spill**	
5.	

I, Ed Hasely representative for:
Print Name

ConocoPhillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

__X__MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

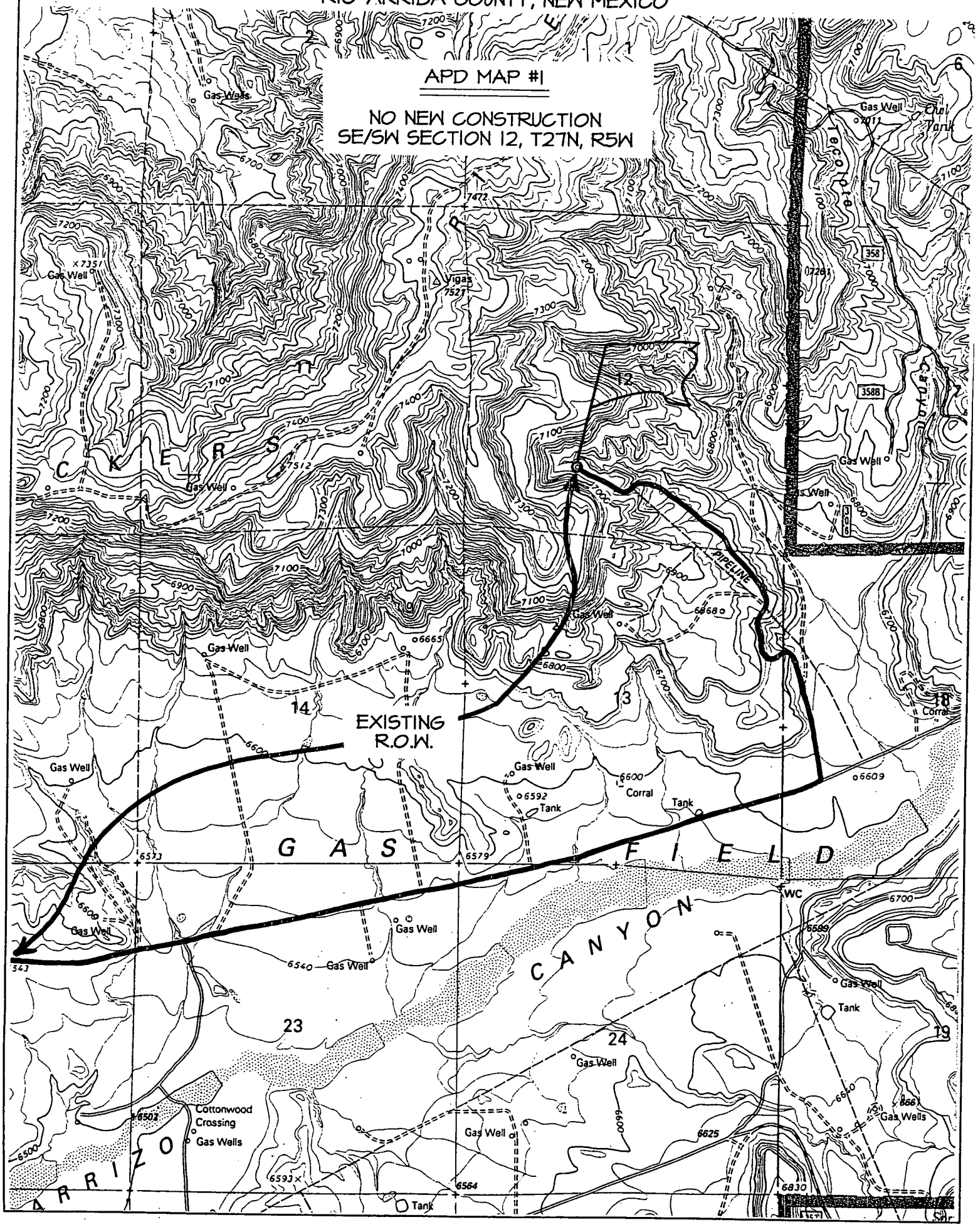
Name (Original Signature): ED Hasely ED HASELEY

Title: Env. Rep 326-9841

Date: 8/1/06

BURLINGTON RESOURCES OIL & GAS COMPANY SAN JUAN 27-5 UNIT #102P

1085' FSL & 1800' FWL, SECTION 12, T27N, R5W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO



599-4005 Utt Ed Baskey

ExxonMobil

SJ 32-9 # 115

602466-00 MOBIL PEGASUS 805
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 805
SUPPLIER: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037

24 - Hour Health and Safety Emergency (call collect): 609-737-4411

24 - Hour Transportation Emergency:
CHEMTREC: 800-424-9300 202-483-7616
LUBES AND FUELS: 281-834-3296

Product and Technical Information:
Lubricants and Specialties: 800-662-4525 800-443-9966
Fuels Products: 800-947-9147
MSDS Fax on Demand: 613-228-1467
MSDS Internet Website: http://emmsds.ihssolutions.com/

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

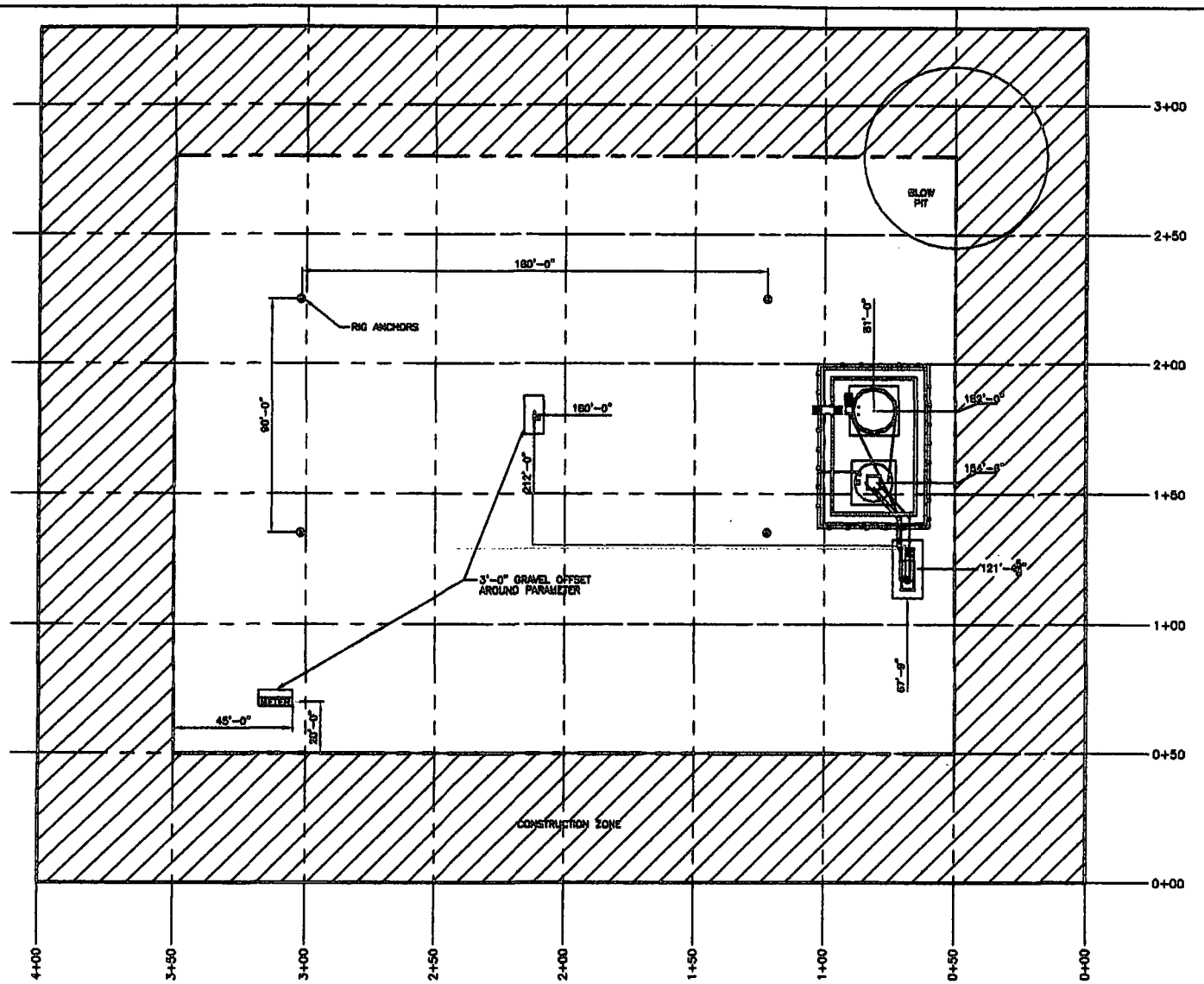
OTHER INGREDIENTS:

Substance Name	Approx. Wt%
POLY BUTENYL SUCCINIMIDE	1-5

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15)..



NOTES:

SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

REFERENCE DRAWINGS		REVISIONS						
DWG. NO.	TITLE	NO.	DESCRIPTION	BY	CHKD	APP'D	DRAFT	DATE
			ISSUED FOR CONSTRUCTION	LB				

BURLINGTON RESOURCES
FARMINGTON, NEW MEXICO

HIGH PRESSURE MESA VERDE/DAKOTA
FACILITY DIAGRAM - SITE LAYOUT

SCALE 1"=50'-0" | DRAWN | CHKD | EDIT DATE | PLOT DATE

SHEET 1 OF 4

DRAWING NUMBER | REV
0

EMERGENCY OVERVIEW: Light Amber Liquid. DOT ERG No. : NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

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. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)
INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.
INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

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.
COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Flash Point C(F): > 245(473) (ASTM D-92).
Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%
NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center 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:
LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by

9. Surface Ownership – Bureau of Land Management

10. Other Information - Environmental stipulations as outlined by the responsible government agency will be adhered to. Refer to the archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.

11. Operator's Representative and Certification - Burlington Resources Oil & Gas Company General Manager Compliance, Post Office Box 4289, Farmington, NM 87499, telephone (505) 326-9700. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Burlington Resources Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

12. Location assessed for H2S exposure. No concentration expected above PHV levels.

13. This well is twinned with the San Juan 27-5 Unit #102.

14. Place culverts at access road and as needed on old access road.

15. Build diversion ditch around east and west sides, draining north.

16. Slopes: 2:1 on pit side of location.

17. Archeological Report from Aztec Archeological Consultants, LLC, Report #AAC-2005-051.

Joni Clark
Regulatory Specialist

3/7/06
Date

pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

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: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist)- ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.

RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.

EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices

BURLINGTON RESOURCES

Multi-Point Surface Use Plan
San Juan 27-5 Unit #102P

1. Existing Roads - Refer to Map No. 1. Existing roads used to access the proposed location will be properly maintained for the duration of the project. Bureau of Land Management right-of-way has been applied for as shown on Map No. 1.

2. Planned Access Road - Refer to Map No. 1. No new access road is required.

3. Location of Existing Wells - Refer to Map No. 1A.

4. Location of Existing and/or Proposed Facilities if Well is Productive -

   a. On the Well Pad - Refer to Plat No. 1, anticipated production facilities plat.
   b. Off the Well Pad – Anticipated pipeline facilities will be Williams Field Services
   c. New construction of the well pad will be kept within the construction parameters and used for life of the well as shown on the attached Cut and Fill Diagram, including Construction Zone.

5. Location and Type of Water Supply - Water will be hauled by truck for the proposed project from the 44 Crossing Water Hole located in NE/4 Section 18, T-27-N, R-4-W, New Mexico .

6. Source of Construction Materials - If construction materials are required for the proposed project, such materials will be obtained from a commercial or appropriately designated quarry.

7. Well site Layout - Refer to the location diagram and to the well site cut and fill diagram (Figure No. 4). The blow pit will be constructed with the appropriate grade that will allow positive drainage to the reserve pit and prevent standing liquids in the blow pit.

8. Plans for Restoration of the Surface - All garbage and trash materials will be removed from the site for proper disposal. Proper fluid management will be employed for all drilling, completion, and work over fluids. If liquids are left in the reserve pit after completion of the project, the liquids will be hauled to appropriate facility. During reclamation, the pit closure procedures on file with the NMOCD as shown on Exhibit I (Drilling Pit Closure Procedures) will be adhered to. Pit liner procedures outlined in this multi-point surface use plan are on file with the New Mexico Oil Conservation Division as shown on Exhibit II (Pit Construction and Operations Procedures). Federal regulations will be adhered to regarding handling and disposal of such waste if so generated. After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Revegetation will take place after the completion of the well, and the entire well pad will be reclaimed after the well is plugged and abandoned, as stated in the Surface Operating Standards for Oil and Gas Exploration and Development ("Gold Book") in Chapter 6, page 33. The permanent location facilities will be seasonally painted to maximum effectiveness and in the appropriate color designated by the responsible government agency.

should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Liquid
COLOR: Light Amber
ODOR: Marketable
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 288(550)
MELTING POINT C(F): NA
FLASH POINT C(F): > 245(473) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: < 0.1
VAPOR DENSITY: > 2.0
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.89
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: 130.0
VISCOSITY AT 100 C, cSt: 13.5
POUR POINT C(F): < -12(10)
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
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

North Reference Sheet for Sec. 11-T31N-R04W - Rosa Unit #347

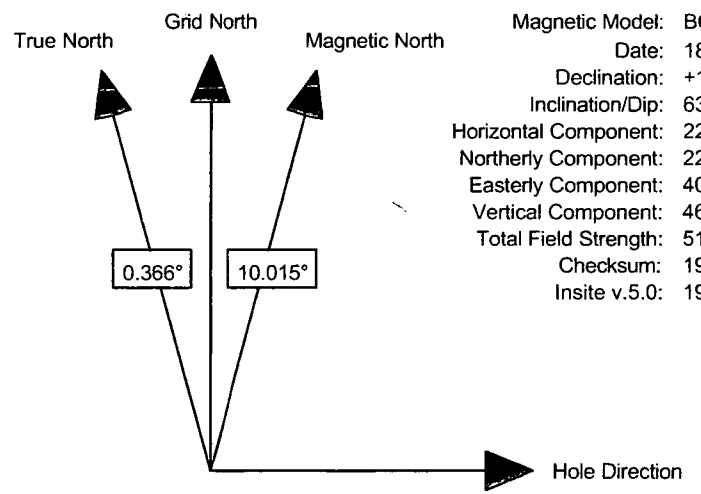
Coordinate System is NAD27 New Mexico State Planes, Western Zone, US Foot
Source: Snyder, J.P., 1987, Map Projections - A Working Manual

Datum is North American Datum of 1927 (US48, AK, HI, and Canada)

Spheroid is Clarke - 1866
Equatorial Radius: 6378206.400m.
Polar Radius: 6356583.800m.
Inverse Flattening: 294.978698213901

Projection method is Transverse Mercator or Gauss Kruger Projection
Central Meridian is -107.833°
Longitude Origin: 0.000°
Latitude Origin: 31.000°
False Easting: 152400.00m
False Northing: 0.00m
Scale Reduction: 0.99991667

Grid Coordinates of Well: 2152692.69 N, 678152.18 E
Geographical Coordinates of Well: 36° 54' 52.0112" N, 107° 13' 26.1848" W
Surface Elevation of Well: 7030.00ft
Grid Convergence at Surface is +0.366°
Magnetic Declination at Surface is +10.381° (18 January, 2006)



Magnetic Model:	BGGM2005
Date:	18-Jan-06
Declination:	+10.381
Inclination/Dip:	63.887
Horizontal Component:	22653 nT
Northerly Component:	22282 nT
Easterly Component:	4082 nT
Vertical Component:	46213 nT
Total Field Strength:	51466 nT
Checksum:	1936082
Insite v.5.0:	1936082

Grid North is 0.366° East of True North (Grid Convergence)
Magnetic North is 10.381° East of True North (Magnetic Declination)
Magnetic North is 10.015° East of Grid North (Magnetic Convergence)

To convert a True Direction to a Grid Direction, Subtract 0.366 degrees
To convert a Magnetic Direction to a True Direction, Add 10.381 degrees
To convert a Magnetic Direction to a Grid Direction, Add 10.015 degrees

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). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: 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 various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

Not expected to be sensitizing based on tests of this product, components, or similar products.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this

Proposal Report for Sec. 11-T31N-R04W - Rosa Unit #347 - Plan 011806
Data Source: Mr. Gary Sizemore
Revised: 19 January, 2006

Casing details

From Measured Depth (ft)	From Vertical Depth (ft)	To Measured Depth (ft)	To Vertical Depth (ft)	Casing Detail
<Surface>	<Surface>	300.00	300.00	9 5/8" Casing
<Surface>	<Surface>	4079.28	3902.00	7" Casing
<Surface>	<Surface>	<Run-TD>	<Run-TD>	6.13" Open Hole

assessment is based on information for representative products.

ECOTOXICITY: Available ectoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. 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 an appropriate government 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. The unused product is not formulated with substances covered 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.

STATIC ACCUMULATOR (50 picosiemens or less): YES

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in

Proposal Report for Sec. 11-T31N-R04W - Rosa Unit #347 - Plan 011806
Data Source: Mr. Gary Sizemore
Revised: 19 January, 2006

Comments

Measured Depth (ft)	Station Coordinates TVD (ft)	Northings (ft)	Eastings (ft)	Comment
3436.53	3436.53	0.00 N	0.00 E	Kick-Off at 3436.53ft
4186.53	3913.99	351.77 S	322.85 W	End of Build at 4186.53ft
7506.88	3914.00	2798.00 S	2568.00 W	Total Depth at 7506.88ft

Formation Tops

Formation Plane (Below Well Origin) Sub-Sea (ft)	Dip Angle	Up-Dip Dirn.	Profile Penetration Point Measured Depth (ft)	Vertical Depth (ft)	Sub-Sea Depth (ft)	Northings (ft)	Eastings (ft)	Formation Name
-7018.00	0.000	0.366	12.00	12.00	-7018.00	0.00 N	0.00 E	San Jose Fm
-4880.00	0.000	0.366	2150.00	2150.00	-4880.00	0.00 N	0.00 E	Nacimiento Fm
-3705.00	0.000	0.366	3325.00	3325.00	-3705.00	0.00 N	0.00 E	Ojo Alamo Ss
-3585.00	0.000	0.366	3445.00	3445.00	-3585.00	0.06 S	0.05 W	Kirkland Sh
-3350.00	0.000	0.366	3692.02	3680.00	-3350.00	49.17 S	45.13 W	Fruitland Fm
-3155.00	0.000	0.366	3992.22	3875.00	-3155.00	212.53 S	195.06 W	Top Coal Int
-3125.00	0.000	0.366	4093.71	3905.00	-3125.00	283.81 S	260.48 W	Top Tgt Coal
-3110.00	0.000	0.366						Base Tgt Coal

accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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 subject to the supplier notification requirements of 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
PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2: 1) (ZDDP) (0.33%)	68649-42-3	22

--- REGULATORY LISTS SEARCHED ---

1=ACGIH ALL	6=IARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293
3=ACGIH A2	8=IARC 2B	13=TSCA 5e	18=CA RTK	23=MN RTK
4=NTP CARC	9=OSHA CARC	14=TSCA 6	19=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: ENGINE LUBRICANT

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

Measure Depth (ft)	Incl. Angle (Deg)	Drift Direction (Deg)	True Vertical Depth	Vertical Section (ft)	Local Coordinates N-S (ft)	Local Coordinates E-W (ft)	Dogleg Severit (°/100ft)	Lease Calls FNL-FSL (ft)	Lease Calls FEL-FWL (ft)	Global Coordinates Grid Y (ft)	Global Coordinates Grid X (ft)
6100.00	90.000	222.551	3914.00	2390.94	1761.49 S	1616.70 W	0.00	4231.49 FNL	963.30 FWL	2150921.05 N	676546.61 E
6200.00	90.000	222.551	3914.00	2490.94	1835.17 S	1684.31 W	0.00	4305.17 FNL	895.69 FWL	2150846.96 N	676479.46 E
6300.00	90.000	222.551	3914.00	2590.94	1908.84 S	1751.93 W	0.00	4378.84 FNL	828.07 FWL	2150772.86 N	676412.30 E
6400.00	90.000	222.551	3914.00	2690.94	1982.52 S	1819.55 W	0.00	4452.52 FNL	760.45 FWL	2150698.76 N	676345.15 E
6500.00	90.000	222.551	3914.00	2790.94	2056.19 S	1887.17 W	0.00	4526.19 FNL	692.83 FWL	2150624.66 N	676278.00 E
6600.00	90.000	222.551	3914.00	2890.94	2129.86 S	1954.79 W	0.00	4599.86 FNL	625.21 FWL	2150550.56 N	676210.85 E
6700.00	90.000	222.551	3914.00	2990.94	2203.54 S	2022.40 W	0.00	4673.54 FNL	557.60 FWL	2150476.47 N	676143.69 E
6800.00	90.000	222.551	3914.00	3090.94	2277.21 S	2090.02 W	0.00	4747.21 FNL	489.98 FWL	2150402.37 N	676076.54 E
6900.00	90.000	222.551	3914.00	3190.94	2350.89 S	2157.64 W	0.00	4820.89 FNL	422.36 FWL	2150328.27 N	676009.39 E
7000.00	90.000	222.551	3914.00	3290.94	2424.56 S	2225.26 W	0.00	4894.56 FNL	354.74 FWL	2150254.17 N	675942.24 E
7100.00	90.000	222.551	3914.00	3390.94	2498.23 S	2292.87 W	0.00	4968.23 FNL	287.13 FWL	2150180.07 N	675875.08 E
7200.00	90.000	222.551	3914.00	3490.94	2571.91 S	2360.49 W	0.00	5041.91 FNL	219.51 FWL	2150105.98 N	675807.93 E
7300.00	90.000	222.551	3914.00	3590.94	2645.58 S	2428.11 W	0.00	5115.58 FNL	151.89 FWL	2150031.88 N	675740.78 E
7400.00	90.000	222.551	3914.00	3690.94	2719.25 S	2495.73 W	0.00	5189.25 FNL	84.27 FWL	2149957.78 N	675673.63 E
7500.00	90.000	222.551	3914.00	3790.94	2792.93 S	2563.35 W	0.00	5262.93 FNL	16.65 FWL	2149883.68 N	675606.47 E
Total Depth at 7506.88ft, 6.13" Open Hole											
7506.88	90.000	222.551	3914.00	3797.82	2798.00 S	2568.00 W	0.00	5268.00 FNL	12.00 FWL	2149878.58 N	675601.85 E

All data is in Feet (US) unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to RKB(7018`+12`KB). Northings and Eastings are relative to Wellhead.

Based upon Minimum Curvature type calculations, at a Measured Depth of 7506.88ft.,
The Bottom Hole Displacement is 3797.82ft., in the Direction of 222.551° (True).

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

****

For Internal Use Only: MHC: 1* 1* 1* 1* 1*, MPPEC: A, TRN: 602466-00, ELIS: 400795, CMCS97: 97D936, REQ: US - MARKETING, SAFE USE: L
EHS Approval Date: 24SEP2002

****

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. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Exxon Mobil Corporation and its affiliated companies assume no responsibility for accuracy of information unless the document is the most current available from an official ExxonMobil distribution system. Exxon Mobil Corporation and its affiliated companies neither represent nor warrant that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

Prepared by: ExxonMobil Oil Corporation
Environmental Health and Safety Department, Clinton, USA

Measure Depth (ft)	Incl. Angle (Deg)	Drift Direction (Deg)	True Vertical Depth	Vertical Section (ft)	Local Coordinates N-S (ft)	Local Coordinates E-W (ft)	Dogleg Severit (°/100ft)	Lease Calls FNL-FSL (ft)	Lease Calls FEL-FWL (ft)	Global Coordinates Grid Y (ft)	Global Coordinates Grid X (ft)
Top Coal Int											
3992.22	66.683	222.551	3875.00	288.48	212.53 S	195.06 W	12.00	2682.53 FNL	2384.94 FWL	2152478.94 N	677958.46 E
4000.00	67.616	222.551	3878.02	295.64	217.81 S	199.91 W	12.00	2687.81 FNL	2380.09 FWL	2152473.63 N	677953.65 E
7" Casing											
4079.28	77.130	222.551	3902.00	371.12	273.42 S	250.94 W	12.00	2743.42 FNL	2329.06 FWL	2152417.70 N	677902.97 E
Top Tgt Coal											
4093.71	78.861	222.551	3905.00	385.23	283.81 S	260.48 W	12.00	2753.81 FNL	2319.52 FWL	2152407.25 N	677893.49 E
4100.00	79.616	222.551	3906.17	391.41	288.37 S	264.66 W	12.00	2758.37 FNL	2315.34 FWL	2152402.67 N	677889.34 E
End of Build at 4186.53ft											
4186.53	90.000	222.551	3913.99	477.46	351.77 S	322.85 W	12.00	2821.77 FNL	2257.15 FWL	2152338.90 N	677831.55 E
4200.00	90.000	222.551	3913.99	490.94	361.69 S	331.96 W	0.00	2831.69 FNL	2248.04 FWL	2152328.92 N	677822.51 E
4300.00	90.000	222.551	3913.99	590.94	435.36 S	399.58 W	0.00	2905.36 FNL	2180.42 FWL	2152254.82 N	677755.35 E
4400.00	90.000	222.551	3913.99	690.94	509.04 S	467.20 W	0.00	2979.04 FNL	2112.80 FWL	2152180.72 N	677688.20 E
4500.00	90.000	222.551	3913.99	790.94	582.71 S	534.81 W	0.00	3052.71 FNL	2045.19 FWL	2152106.63 N	677621.05 E
4600.00	90.000	222.551	3913.99	890.94	656.39 S	602.43 W	0.00	3126.39 FNL	1977.57 FWL	2152032.53 N	677553.90 E
4700.00	90.000	222.551	3914.00	990.94	730.06 S	670.05 W	0.00	3200.06 FNL	1909.95 FWL	2151958.43 N	677486.74 E
4800.00	90.000	222.551	3914.00	1090.94	803.73 S	737.67 W	0.00	3273.73 FNL	1842.33 FWL	2151884.33 N	677419.59 E
4900.00	90.000	222.551	3914.00	1190.94	877.41 S	805.28 W	0.00	3347.41 FNL	1774.72 FWL	2151810.23 N	677352.44 E
5000.00	90.000	222.551	3914.00	1290.94	951.08 S	872.90 W	0.00	3421.08 FNL	1707.10 FWL	2151736.13 N	677285.29 E
5100.00	90.000	222.551	3914.00	1390.94	1024.76 S	940.52 W	0.00	3494.76 FNL	1639.48 FWL	2151662.04 N	677218.13 E
5200.00	90.000	222.551	3914.00	1490.94	1098.43 S	1008.14 W	0.00	3568.43 FNL	1571.86 FWL	2151587.94 N	677150.98 E
5300.00	90.000	222.551	3914.00	1590.94	1172.10 S	1075.75 W	0.00	3642.10 FNL	1504.25 FWL	2151513.84 N	677083.83 E
5400.00	90.000	222.551	3914.00	1690.94	1245.78 S	1143.37 W	0.00	3715.78 FNL	1436.63 FWL	2151439.74 N	677016.68 E
5500.00	90.000	222.551	3914.00	1790.94	1319.45 S	1210.99 W	0.00	3789.45 FNL	1369.01 FWL	2151365.64 N	676949.52 E
5600.00	90.000	222.551	3914.00	1890.94	1393.13 S	1278.61 W	0.00	3863.13 FNL	1301.39 FWL	2151291.55 N	676882.37 E
5700.00	90.000	222.551	3914.00	1990.94	1466.80 S	1346.23 W	0.00	3936.80 FNL	1233.77 FWL	2151217.45 N	676815.22 E
5800.00	90.000	222.551	3914.00	2090.94	1540.47 S	1413.84 W	0.00	4010.47 FNL	1166.16 FWL	2151143.35 N	676748.07 E
5900.00	90.000	222.551	3914.00	2190.94	1614.15 S	1481.46 W	0.00	4084.15 FNL	1098.54 FWL	2151069.25 N	676680.91 E
6000.00	90.000	222.551	3914.00	2290.94	1687.82 S	1549.08 W	0.00	4157.82 FNL	1030.92 FWL	2150995.15 N	676613.76 E

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ Brandon Powell 5/10/06 8:33 a.m.	4. Generator: Conoco Phillips
	5. Originating Site: Houck Com #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit I, S 1, T 29N, R 10W San Juan County	Project # 96052-506

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 10 cy soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 5/03/06 revealed the following levels:
Arsenic 0.770 mg/Kg; Barium 5.75 mg/Kg; Cadmium 0.069mg/Kg; Chromium 0.210 mg/Kg; Lead 0.694 mg/Kg; Mercury nondetect; Selenium nondetect; and Silver nondetect.

CWS and analyticals are attached.

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

SIGNATURE Morris D. Young (Waste Management Facility Authorized Agent) TITLE: Landfarm Manager DATE: 05/10/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirotech DATE: 5/10/06

APPROVED BY: Denny Foust TITLE: Env. Engr DATE: 9-6-06

Conditions of Approval

Operator:	Burlington Resources O &G Co.	**Well Name:**	SJ 27-5 #102P
Legal Location:	1085' FSL, 1800' FWL Section 12, T. 27 N., R. 5 W.	**EA Log Number:**	NM-210-05-1149
Inspection Date:	9/12/05	**Lease Number:**	NMSF 079491

The following conditions of approval will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to Bureau of Land Management and the operator a contradictory environmental stipulation. The failure of the operator to comply with these requirements may result in the assessment of liquidated damages or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on the location during construction, drilling and reclamation activity.

Special Stipulations

This permit is contingent on compliance with the New Mexico Environmental Department, Air Quality Bureau's directive that compressor engines 300 horsepower or less have NOx emissions limited to 2 grams per horsepower hour.

No construction, drilling or completion activities shall be conducted between: December 1 and March 31 because of deer/elk wintering habitat.

All open top permanent production or storage tanks regardless of diameter made of fiberglass, steel, or other material used for the containment of oil, condensate, produced water and or other production waste shall be screened, netted or otherwise covered to protect migratory birds and other wildlife from access.

Cultural stipulations are required. See attached Cultural Report.

SJ 28-5 #39 (existing location) and SJ 27-5 #102P (new location) will have cut and fill slopes, including diversion ditches and silt traps, recontoured and reseeded as specified by BLM Surface Protection Specialists during reclamation.

Production equipment [including any facilities associated with pipeline construction] shall be placed on location as not to interfere with reclaiming the cut and fill slopes to their proper ratio. If equipment is found to interfere with the proper reclamation of the slope, the company will be required to move the equipment so proper re-contouring can occur.

Upon final reclamation of the reserve and blow pits, a diversion ditch will be constructed below the cut on the east side of the location draining north and below the cut on the west side draining to the north and away from the pad.

Culvert(s) of sufficient size (minimum 18 inches) will be placed as needed along the access road.

Seed all the disturbed areas outside the anchor's using designated seed mixture and to the specifications given. Disturbed areas shall be re-contoured and re-seeded within 120 days of final construction.

Type	Variety or Cultivator	PLS/A
Western wheatgrass	Arriba	2.0
Indian ricegrass	Paloma	1.0
Blue grama	Hatcheta or Alma	0.25
Antelope bitterbrush	Unknown	0.10
Four-wing saltbrush	Unknown	0.25
Small burnet	Delar	1.0

Hi-crest crested wheatgrass can be substituted for Oahe and Luna and planted at 3.0 lbs. PLS/A.

OPERATOR COPY

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Houck Com #1 API # 30-045-25797 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit I, Section 1, T29N, R10W 1580' FSL & 890' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 10 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 5-3-06 revealed the following levels: Arsenic 0.770 mg/Kg; Barium 5.75 mg/Kg; Cadmium 0.069 mg/Kg; Chromium 0.210 mg/Kg; Lead 0.694 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.	

I, Monica D. Johnson (Print Name) representative for:

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

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

___ MSDS Information
___ Other (description
X RCRA Hazardous Waste Analysis
___ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: May 9, 2006

VI. CHANGE OF PLANS OR ABANDONMENT

A. Any changes of plans required in order to mitigate unanticipated conditions encountered during drilling operations, will require approval as set forth in Section 1.F.

B. If the well is dry it is to be plugged in accord with 43 CFR 3162.3-4, approval of the proposed plugging program is required as set forth in Section 1.F. The report should show the total depth reached, the reason for plugging, and the proposed intervals, by depths, where cement plugs are to be placed, type of plugging mud, etc. A Subsequent Report of Abandonment is required as set forth in Section 11.B.1c.

C. Unless a well has been properly cased and cemented, or properly plugged, the drilling rig must not be moved from the drill site without prior approval from the BLM-Authorized Officer.

VII. SPECIAL STIPLATIONS

The following special requirements apply and are effective when **checked**:

A. ☐ Communitization Agreement covering the acreage dedicated to the well must be filed for approval with the Bureau of Land Management, Farmington Field Office, Branch of Reservoir Management, 1235 La Plata Highway, Suite A, Farmington, New Mexico 87401. The effective date of the agreement must be Prior to any sales.

B. ☐ The BLM-Authorized Officer requires testing all components of well control systems at the pressure requirements set forth in Onshore Oil and Gas Order No. 2, Section III. A. 1., plus a 30% safety factor, and does not elect to utilize the discretionary authority for requiring the testing of selected components at the A. P. L. working pressures.

C. ☒ Note Attachments

D. ☒ The required wait on cement (WOC) time will be a minimum of 250 psi compressive strength at 60 degrees. Blowout preventor (BOP) nipple-up operations may then be initiated.

VIII. PHONE NUMBERS

A. For BOPE tests, cementing, and plugging operations the phone number is 505-599-8907 and should be called 24 hours in advance in order that a BLM representative may witness the operations.

B. Emergency program changes after hours contact:

Adrienne Brumley (505) 326-1248
Or
Jim Lovato at (505) 334-1266

CHAIN OF CUSTODY RECORD

15869

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
CONOCO PHILLIPS	29-10 Houck com 1	
Sampler: # 320-6565 LEROY SANCHEZ	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX & METALS						Remarks
OIL & GAUGE & DIKE	5/2/06	1000	37006	SOIL	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
LEROY SANCHEZ	5/3/06	7:15AM	Shelly Wall	5/3/06	7:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

CHARGE CODE: 3826503

ENTERED MAY 15 2006

CALL - MONICA JOHNSON

FAX

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

Form 3-006 Reproduction 6/98-12M

c. Subsequent Report of Abandonment, showing the manner in which the well was plugged, including depths where casing was cut and pulled, intervals (by depths) where cement plugs were replaced, and dates of the operations.

2. Well Completion Report (Form 3160-4) will be submitted with 30 days after well has been completed.

   a. Initial Bottom Hole Pressure (BHP) for the producing formations. Show the BHP on the completion report. The pressure may be: 1) measured with a bottom hole bomb, or; 2) calculated based on shut in surface pressures (minimum seven day buildup) and fluid level shot.

3. Submit a cement evaluation log, if cement is not circulated to surface.

III. DRILLER'S LOG

The following shall be entered in the daily driller's log: 1) Blowout preventer pressures tests, including test pressures and results. 2) Blowout preventer tests for proper functioning, 3) Blowout prevention drills conducted, 4) Casing run, including size, grade, weight, and depth set, 5) How pipe was cemented, including amount of cement, type, whether cement circulated to surface, location of cementing tools, etc., 6) Waiting on cement time for each casing string, 7) Casing pressure tests after cementing, including test pressure and results and 8) Estimated amounts of oil and gas recovered and/or produced during drill stem test.

IV. GAS FLARING

Gas produced from this well may not be vented or flared beyond an initial, authorized test period of * Days or 50 MMCF following its (completion)(recompletion), whichever first occurs, without the prior, written approval of the authorized officer. Should gas be vented or flared without approval beyond the test period authorized above, you may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted, and you shall be required to compensate the lessor for the portion of the gas vented or flared without approval which is determined to have been avoidably lost.

*30 days, unless a longer test period specifically is approved by the authorized officer. The 30-day period beings when the casing is first perforated for cased holes, and when Total Depth (TD) is reached for open hold completion.

V. SAFETY

A. All rig heating stoves are to be of the explosion-proof type.

B. Rig safety lines are to be installed.

C. Hard hats must be utilized.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Oil & Gravel Dirt	Date Reported:	05-03-06
Laboratory Number:	37006	Date Sampled:	05-02-06
Chain of Custody:	15869	Date Received:	05-03-06
Sample Matrix:	Soil	Date Analyzed:	05-03-06
Preservative:	N/A	Date Digested:	05-03-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.770	0.001	5.0
Barium	5.75	0.001	100
Cadmium	0.069	0.001	1.0
Chromium	0.210	0.001	5.0
Lead	0.694	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **29-10 Houck Com 1.**

Christine Walters
Analyst

Review

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

F. Prior approval by the BLM-Authorized Office (Drilling and Production Section) is required for variance from the approved drilling program and before commencing plugging operations, plug back work casing repair work, corrective cementing operations, or suspending drilling operations indefinitely. Emergency approval may be obtained orally, but such approval is contingent upon filing of a notice of intent (on a Sundry Notice, Form 3160-5) within three business days (original and three copies of Federal leases and an original and four copies on Indian leases). **Any changes to the approved plan or any questions regarding drilling operations should be directed to BLM during regular business hours at 505-899-8900. Emergency program changes after hours should be directed to Adrienne Garcia at 505-326-1248 or Jim Lovato at 505-334-1266.**

G. The Field Office Manager (Inspection and Enforcement Section, phone number (505-599-8907) is to be notified at least 24 hours in advance of any spudding, cementing, or plugging operations so that a BLM representative may witness the operations.

H. Unless drilling operations are commenced within one year, approval of the Application for Permit to Drill well expire. A written request for a six months extension may be granted if submitted prior to expiration.

I. From the time drilling operations are initiated and until drilling operations are completed, a member of the drilling crew or the tool pusher shall maintain rig surveillance at all time, unless the well is secured with blowout preventers or cement plugs.

J. If for any reason, drilling operations are suspended for more than 90 days, a written notice must be provided to this office outlining your plans for this well.

II. REPORTING REQUIREMENTS

A. For reporting purposes, all leases, communitization agreements or unit agreements are to be referenced by the numbers and prefixes affixed to the respective contract documents by the issuing agency at the time of issue.

B. The following reports shall be filed with the BLM-Authorized Officer within 30 days after the work is completed.

1. Original and three copies on Federal and Original and four copies on Indian leases of Sundry Notice (Form 3160-5), giving complete information concerning.

   a. Setting of each string of casing. Show size and depth of hole, grade and weight of casing, depth set, depth of any and all cementing tools that are used, amount (in cubic feet) and types of cement used, whether cement circulated to surface and all cement tops in the casing annulus, casing test method and results, and the date work was done. Show spud date on first report submitted.

   b. Intervals tested, perforated (include; size, number and location of perforations), acidized, or fractured; and results obtained. Show date work was done (a Sundry Notice is not required if a Completion Report is submitted within 30 days of the operation).

VIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	05-03 TM QA/AC	Date Reported:	05-03-06
Laboratory Number:	37003	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	05-03-06
Condition:	N/A	Date Digested:	05-02-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.096	0.097	0.6%	0% - 30%
Barium	ND	ND	0.001	24.09	24.07	0.1%	0% - 30%
Cadmium	ND	ND	0.001	0.009	0.009	2.2%	0% - 30%
Chromium	ND	ND	0.001	0.835	0.846	1.3%	0% - 30%
Lead	ND	ND	0.001	0.599	0.600	0.2%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.008	0.008	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.096	0.633	106.2%	80% - 120%
Barium	0.500	24.09	24.4	99.2%	80% - 120%
Cadmium	0.500	0.009	0.558	109.6%	80% - 120%
Chromium	0.500	0.835	1.307	97.9%	80% - 120%
Lead	0.500	0.599	1.06	96.5%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.497	99.4%	80% - 120%
Silver	0.500	0.008	0.502	98.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37003 - 37004 and 37006.**

Analyst

Review

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington Field Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

IN REPLY REFER TO:
3162.3-1(07100)

Burlington Resources Oil & Gas Company
#102P San Juan 27-5 Unit
NMSF-079491
BH:SW1/4SW1/4 Sec.12,T. 27N., R.5 W.
SH: SE1/4SW1/4 Sec. 12,T. 27N., R.5 W.
Rio Arriba County, New Mexico

Above Data Required on Well Sign

GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL AND INDIAN LEASES

In addition to those requirements set forth in the laws, regulations and Onshore Orders, these requirements apply generally to all oil and gas operations on Federal and Indian leases. They apply specifically to the above described well. Special requirements that apply and are effective for this well, if any, are check-marked in Section VII of these General Requirements. The failure of the operator to comply with these requirements and the filing of required reports will result in strict enforcement of 43 CFR 3163.1 or 3163.2.

I. GENERAL

A. Full compliance with all applicable laws, regulations, and Onshore Orders, with the approved Permit to Drill, and with the approved Surface Use and Operations Plan is required. Lessees and/or operators are fully accountable for the actions of their contractors and subcontractors.

B. Each well shall have a well sign in legible condition from spud date to final abandonment. The sign should show the operator's name, lease serial number, or unit name, well number, location of the well, and whether lease is Tribal or Allotted, (See 43 CFR 3162.6(b)).

C. A complete copy of the approved Application for Permit to Drill, along with any conditions of approval, shall be available to authorized personnel at the drill site whenever active drilling operations are under way.

D. For Wildcat wells only, a drilling operations progress report is to be submitted, to the BLM-Field Office, weekly from the spud date until the well is completed and the Well Completion Report (Form 3160-4) is filed. The report should be on 82 x 11 inch paper, and each page should identify the well by; operator's name, well number, location and lease number.

E. As soon as practical, notice is required of all blowouts, fires and accidents involving life-threatening injuries or loss of life. (See NTL-3A).

Date 5/3/06

Analylist CDeeter

RCRA Trace Metals Analysis

Concentration (mg/Kg) 5.00 grams/50 ml

No	Digestion Date	Sample	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
1	5/2/06	37003	.0864	24.09	.0092	.8350	.5988	<.001	<.001	.0081
dupe			.0970	24.07	.0090	.8462	.6000	<.001	<.001	.0080
2		37004	.0951	10.53	.0386	.5322	3.763	<.001	<.001	.0075
3		37006	.7698	5.748	.0691	.8096	.6942	<.001	<.001	<.001
4										
5										
6										
7										
8										
9										
10										
blank			<.001	<.001	<.001	<.001	<.001	<.001	<.001	<.001
Spike	Added		.500	.500	.500	.500	.500	.500	.500	.505
Spike	Result		.623	24.4	.5582	1.307	1.060	.498	.497	.502

Directions from the Intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM to

Burlington Resources Oil & Gas Company San Juan 27-5 Unit #102P

1085' FSL & 1800' FWL, Section 12, T27N, R5W, NMPM, Rio Arriba County, NM

From the intersection of US Hwy 64 & US Hwy 550 in Bloomfield, NM, travel Easterly on US Hwy 64 for 36.8 miles to General American road just beyond Gobernador School;

Go right (Southerly) on General American road for 1.1 miles to fork in road;

Go right (South-westerly) on General American road for 3.4 miles to "4-Corners" intersection;

Go straight (Southerly) on General American road for 1.1 miles to fork in road;

Go straight (Southerly) for 4.1 miles to fork in road;

Go left (Southerly) for 2.6 miles to fork in road;

Go left which is straight (North-easterly) for 2.1 miles to fork in road;

Go left (North-westerly) for 0.3 miles to fork in road:

Go left (North-westerly) for 0.4 miles to fork in road;

Go right (Northerly) for 0.8 miles to staked location which overlaps an existing wellpad.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval July 31, 2006 Brandon Powell	4. Generator: Williams Field Services 5. Originating Site: Trunk N CDP Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Units B&G; S 17; T 32N; R 7W; San Juan County	Project # 00068-049

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with lube oil and antifreeze from compressor skid. RCRA 8 metals dated 7/19/06 revealed the following levels: Arsenic 0.064 mg/Kg; Barium 15.8 mg/Kg; Cadmium 0.830 mg/Kg; Chrominum nondetect; Lead 0.265 mg/Kg; Mercury 0.01 mg/Kg; Selenium nondetect; Silver nondetect. RCI dated 7/19/06 shows a PH of 8.43 with ignitability, corrosivity and reactivity all negative.

CWS and analyticals attached

Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: July 31, 2006

TYPE OR PRINT NAME: Morris D. Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: Environ/Spec DATE: 8/9/06

APPROVED BY: _____ TITLE: Environ Engr DATE: 8/30/06

the Secretary of the Interior. Prior to the use of pesticides, holder shall obtain from the **AO** written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary. Emergency use of pesticides shall be approved in writing by the **AO** prior to use.

The holder shall be responsible for weed control and selective control of invasive weeds on disturbed and reclaimed areas within the limits of the well pad, associated road and pipeline ROW. The holder is responsible for consultation with the **AO** and/or local authorities for acceptable weed control methods within limits imposed in the conditions of approval.

The holder shall minimize disturbance to existing fences and other improvements on public land. Holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be H-braced on both sides of the passageway prior to cutting the fence.

Construction sites shall be maintained in a sanitary condition at all times; waste materials at those sites shall be disposed of promptly at an appropriate waste disposal site. "Waste" means all discarded matter including, but not limited to, human waste, trash, garbage, refuse, oil drums, petroleum products, ashes and equipment.

The holder shall maintain the ROW in a safe, useable condition, as directed by the **AO.** (A regular maintenance program shall include, but is not limited to, soil stabilization.)

Unless otherwise approved in writing by the **AO,** this road will be designed and constructed to conform with the Bureau of Land Management, New Mexico road construction/maintenance policy.

Public access along this road will not be restricted by the holder without specific written approval being granted by the **AO.** Gates or cattle-guards on the public land will not be locked or closed to public use unless specifically determined by the **AO.**

Unless otherwise approved in writing by the **AO**, drainage dip location for grades over two (2) percent shall be determined by the formula:

$$\textbf{Spacing Interval} = \frac{400 + 100'}{\text{road slope \%}} =$$

Example: For a road with a four (4) percent slope.

$$\textbf{Spacing Interval} \quad \frac{400 + 100'}{4\%} = 200 \text{ feet}$$

Unless otherwise approved in writing by the **AO,** all turnout ditches shall be graded to drain water with a one (1) percent minimum to three (3) percent maximum ditch slope. The spacing interval for turnout ditches shall be determined according to the following table, but may be amended depending upon existing soil types and centerline road grade:

SPACING INTERVAL FOR TURNOUT DITCHES

Percent Slope	Spacing Interval
0 - 4%	150 - 350 feet
4 - 6%	125 - 250 feet
6 - 8%	100 - 200 feet
8 - 10%	75 - 150 feet

Maintain the road so that user traffic remains within right-of-way and erosion is mitigated. Roads and road segments where serious erosional damage is occurring will be handled on a case-by-case basis. "Flat blading" will be avoided. A exemption would be permitted where bedrock is exposed at the surface. Roads will be maintained so that over time a proper road prism and good drainage is achieved.

00068-049

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Williams Field Services Co. 188 County Road 4900 Bloomfield, NM 87413	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of Waste (Street address &/or ULSTR):
Trunk N CDP Station	Units B & G , Section 17, T32N, R7W, San Juan Co. NM
attach list of originating sites as appropriate	
4. Source and Description of Waste Soil contaminated with lube oil and antifreeze from compressor skid	

I, David Bays representative for:
Print Name

Williams Field Service Co. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

____ **EXEMPT** Oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

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

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

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): David Bays

Title: Sr. Environmental Specialist

Date: July 18, 2006

Otherwise, the paint use shall be a non-glare, non-reflective, non-chalking color of Juniper Green.

Seed all the disturbed areas (except the driving surface and road shoulders [entire area if road is to be reclaimed] road only) using designated seed mixture and to the specifications given. Disturbed areas shall be re-seeded within 120 days of final construction.

Location, Access Road and Pipeline

Well area and lease premises will be maintained in a workmanlike manner with due regard to safety, conservation and appearance. All liquid waste, completion fluids and drilling products associated with oil and gas operations will be contained and then buried in place, or removed and deposited in an approved disposal site.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access road.

Mud and blow pits will be constructed so as not to leak, break or allow discharge of liquids or produced solids. At least half of the capacity of the reserve pit must be in cut. The top of the outside wall of reserve pit should be smoothed-off with a minimum of one blade width. The pit should have adequate capacity to maintain 2 feet of free board. Pits are not to be located in natural drainages. Pit walls are to be "walked down" by a crawler type tractor following construction and prior to usage. Any plastic material used to line pits must be removed to below-ground level before pits are covered. The final grade of reserve pit (after reclamation) shall allow for drainage away from pit area.

All unguarded pits (reserve/production/blow pits) containing liquids will be fenced with woven wire. Drilling pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced. All fencing must be a legal fence in accordance with New Mexico State Law. Liquids in pits will be allowed to evaporate, or be properly disposed of, before pits are filled and re-contoured. (This office will be notified 24 hours prior to fluid hauling). Under no circumstances will pits be cut and drained. Aeration of pit fluids must be confined within pit area. Upon completion of the well the reserve pit will be covered with screening or netting and remained covered until the pit is reclaimed. All production pits 16 feet in diameter or larger will be covered with screening or netting.

No gravel or other related minerals from new or existing pits on federal land will be used in construction of roads, well sites, etc., without prior approval from the Surface Managing Agency.

Berm's or firewall's will be constructed around all storage facilities sufficient in size to contain the storage capacity of tanks, or the combined capacity of tanks if a rupture could drain more than one tank. Berm walls will be compacted with appropriate equipment to assure proper construction.

All roads on public land must be maintained in good passable condition year round.

The holder shall conduct all activities associated with the construction, operation, and termination of the right-of-way within the authorized limits of the right-of-way.

A copy of these stipulations, including exhibits and the Plan(s) of Operation (if required), shall be at the project area and available to persons directing equipment operation.

Disposal of all liquid and solid waste produced during operation of this right-of-way shall be in an approved manner so it will not impact the air, soil, water, vegetation or animals.

The holder shall not violate applicable air and water quality standards or related facility siting standards established by or pursuant to applicable Federal and State law.

Use of pesticides and herbicides shall comply with applicable federal/state laws. Pesticides and herbicides shall be used only in accordance with their registered uses and within limitations imposed by

ENVIROTECH LABS

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Hanover Compression	Project #:	98043-014
Sample ID:	Composite	Date Reported:	07-18-06
Lab ID#:	37862	Date Sampled:	07-18-06
Sample Matrix:	Soil	Date Received:	07-18-06
Preservative:	Cool	Date Analyzed:	07-18-06
Condition:	Cool and Intact	Chain of Custody:	1215

Parameter	Result	
IGNITABILITY:	Negative	
CORROSIVITY:	Negative	pH = 8.43
REACTIVITY:	Negative	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Trunk N Compressor Spill**

Analyst

Review

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Surfacing may be applied at the Holder's discretion, but is not required at this time. However, if it becomes evident there is resource damage or it becomes evident the road is receiving excess damage, surfacing will be required.

The Holder shall furnish and apply water, chemicals, or use other means satisfactory to the Authorized Officer for dust.

Pipeline Stipulations

No surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to special stipulations in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

The holder shall mark the exterior boundaries of the right-of-way with stake and/or lath at 100 to 200 foot intervals. The intervals may be varied at the time of staking at the discretion of the **AO.** The tops of the stakes and/or laths will be painted and the laths flagged in a distinctive color as determined by the holder. The survey station numbers will be marked on the boundary stakes and/or laths at the entrance to and the exit from public land. The holder shall maintain all boundary stakes and/or laths in place until final cleanup and restoration is completed and approved by the **AO.** The stakes and/or laths will then be removed at the direction of the **AO.**

No construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of 6 inches deep, the soil shall be deemed too wet.

When construction activity in connection with the right-of-way breaks or destroys a natural barrier used for livestock control, gaps thus opened shall be fenced to prevent drift of livestock. The subject natural barrier shall be identified and fenced by the holder as per instructions of the **AO.**

Maintain a minimum of ten (10) feet of undisturbed surface between fence lines and roads that are constructed parallel to fences.

Each fence crossed by this right-of-way shall be braced and secured to prevent slacking of the wire, before cutting the wire. The opening thus created shall be temporarily closed as necessary during construction to prevent passage of livestock. Upon completion of construction, reconstruct the fence to Bureau of Land Management specifications.

Right-of-way clearing shall be limited to the access road plus 20 feet.

Side-hill cuts of more than three (3) feet are not permitted. Areas requiring cuts greater than this shall be terraced so none are greater than three (3) feet.

Bury the pipeline in the existing well pad or twenty (20) feet from the edge of the traveled surface of the existing road.

The Holder shall re-contour disturbed areas, and obliterate all earthwork by removing embankments, backfilling excavations, and grading to re-establish the approximate original contours of the land in the right-of-way.

Construct earthen berm's that are a minimum of four (4) feet high with a ditch that has a one (1) foot vertical face away from the right-of-way, I.e., towards the direction of potential traffic, cut at the base of the berm. Construct this type berm at each end of the right-of-way where it is separate from the road.

All above ground structures not subject to safety requirements shall be painted by the Holder to blend with the natural color of the landscape. A reflective material may be used to reduce hazards that may occur when such structures are near roads.

ENVIROTECH LABS

TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-014
Sample ID:	Composite	Date Reported:	07-19-06
Laboratory Number:	37862	Date Sampled:	07-18-06
Chain of Custody:	1215	Date Received:	07-18-06
Sample Matrix:	Soil	Date Analyzed:	07-19-06
Preservative:	N/A	Date Digested:	07-18-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.064	0.001	5.0
Barium	15.8	0.001	100
Cadmium	0.830	0.001	1.0
Chromium	ND	0.001	5.0
Lead	0.265	0.001	5.0
Mercury	0.01	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Trunk N Compressor Spill**

Analyst

Review

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Compressor units on this well location not equipped with a drip pan for containment of fluids shall be lined with an impervious material at least 8 mils thick and a 12 inch berm. The compressor will be painted to match the well facilities. Any variance to this will be approved by the Authorized Officer (AO). When compressor units are washed, or any other equipment associated with the locations, the fluids (i.e., scrubber cleaners) will be properly disposed of to avoid ground contamination or hazard to livestock or wildlife.

All above ground structures shall be painted to blend with the natural color of the landscape. The paint used shall be: Juniper Green.

Road Stipulations

Performing construction maintenance activities outside the original cultural survey will require approval and a new cultural survey and clearance.

The holder shall place slope stakes, culvert location and grade stakes, and other construction control stakes as deemed necessary by the authorized officer to ensure construction in accordance with the plan of development. If stakes are disturbed, they shall be replaced before proceeding with construction.

No construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support construction equipment. If such equipment creates ruts in excess of 6 inches deep, the soil shall be deemed too wet.

When construction activity in connection with the right-of-way breaks or destroys a natural barrier used for livestock control, gaps thus opened shall be fenced to prevent drift of livestock. The subject natural barrier shall be identified and fenced by the holder as per instructions of the **Authorized Officer (AO).**

Maintain a minimum of ten (10) feet of undisturbed surface between fence lines and roads that are constructed parallel to fences.

Each fence crossed by this right-of-way shall be braced and secured to prevent slacking of the wire, before cutting the wire. The opening thus created shall be temporarily closed as necessary during construction to prevent passage of livestock. Upon completion of construction, install a cattle guard with an adjacent sixteen (16) foot gate. The cattle guard shall be constructed to Bureau of Land Management specifications.

A professional engineer shall design those segments of road where the grade is in excess of ten percent for more than 300 feet.

Right-of-way clearing shall be limited to 15 feet on each side of centerline.

This road shall have a maximum driving surface of 16 feet, and a maximum bladed width of 30 feet excluding turnout ditches and turnouts, and a maximum grade of 10 percent (pitches over 10 percent that are less than 300 feet in length may be allowed).

Crowning and ditching on both sides of the road is required. The road cross section will conform to the cross section diagrams available from Bureau of Land Management. The crown shall have a grade of approximately two percent (i.e., two inch crown on a 16 foot wide road).

Drainage control shall be ensured over the entire road through the use of borrow ditches, drainage dips, out-sloping, in-sloping, natural rolling topography, and/or turnout (lead-off) ditches.
Every drainage dip shall drain water into an adjacent turnout ditch.

The holder shall construct low-water crossings in a manner that will prevent any blockage or restriction of the existing channel. Material removed shall be stockpiled for use in rehabilitation of the crossing.

VIROTECH LABS

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TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	07-19 TM QA/AC	Date Reported:	07-19-06
Laboratory Number:	37861	Date Sampled:	N/A
Sample Matrix:	Sludge	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-19-06
Condition:	N/A	Date Digested:	07-18-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.017	0.017	0.0%	0% - 30%
Barium	ND	ND	0.001	8.32	8.35	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.340	0.337	0.9%	0% - 30%
Chromium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Lead	ND	ND	0.001	0.029	0.029	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.017	0.516	99.8%	80% - 120%
Barium	0.500	8.32	8.80	99.8%	80% - 120%
Cadmium	0.500	0.340	0.838	99.8%	80% - 120%
Chromium	0.500	ND	0.498	99.6%	80% - 120%
Lead	0.500	0.029	0.527	99.6%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.497	99.4%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37861 - 37862**

Analyst

Review

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The operator or his contractor will contact the Bureau of Land Management, Farmington Field Office, Environmental Protection Staff, (505) 599-8900, 48 hours prior to any reclamation efforts associated with this project.

The final cut slope shall not be steeper than a 2:1 Ratio or as close to the original contour as possible on the North side. The final fill slope shall not be steeper than a 2:1 Ratio as close to the original contour as possible. To obtain this ratio, pits and slopes shall be back-sloped into the pad upon completion of drilling. Construction slopes can be much steeper during drilling, but will be re-contoured to the above ratio during reclamation.

Pits will be lined with an impervious material at least 12 mils thick. Prior to closing the pit, the liner will be cut off at mud level. The excess liner will be hauled to a licensed disposal area.

Reserve pits will be closed and rehabilitated 90 days after completion or 120 days from the well spud date. All reserve pits remaining open after the 90 days will need written authorization of the Authorized Officer from the Farmington Field Office. This requirement is addressed in the General Requirements in Onshore Order #7.

The top 6 inches of soil material will be stripped and stockpiled in the construction zones of the well pad. The stockpiled soil material will be spread on the reclaimed portions of the pad [including the reserve pit, cut and fill slopes] prior to re-seeding. Spreading shall not be done when the ground or topsoil is frozen or wet.

Excavated material from the cuts will be used on the fill portions of the site. Any excess material form the well pad would be used to surface the access road.

Cut materials from the reserve and burn pits would be stockpiled on the location or used to construct the back walls of the burn pit.

If, in operations the operator/holder discovers any T&E / Sensitive species, then work in the vicinity of the discovery will be suspended and the discovery promptly reported to the BLM T&E specialist @ (505) 599-8900. BLM will then specify what action is to be taken. Failure to notify the BLM about a discovery may result in civil or criminal penalties in accordance with the Endangered Species Act (as amended).

Inventory the proposed route or site for the presence of noxious weeds. Noxious weeds are those listed on the New Mexico Noxious Weed List. The following noxious weeds have been identified as occurring on lands within the boundaries of the Farmington Field Office (FFO):

> Knapweed (*Centaurea repens*) Musk Thistle (*Carduus nutans*) Bull Thistle (*Cirsium vulgare*) Canada Thistle (*Cirsium arvense*) Scotch Thistle (*Onopordum acanthium*) Hoary Cress (*Cardaria draba*) Perennial Pepperweed (*Lepidium latifolfium*) Halogeton (*Halogeton glomeratus*) Russian Spotted Knapweed (*Centaurea maculosa*) Dalmation Toadflax (*Linaria genistifolia*) Yellow Toadflax (*Linaria vulgaris*) Camelthorn (*Alhagi pseudalhagi*) African Rue (*Peganum harmala*) Saltcedar (*Tamarix spp.*) Diffuse Knapweed (*Centaurea diffusa*) Leafy Spurge (*Euphorbia esula*).

Construction equipment should be inspected and cleaned prior to coming onto the work site. This is especially important on vehicles from out of state or if coming from a weed infested area.

If fill dirt or gravel will be required, the source shall be noxious weed free.

The site shall be monitored for the life of the project for the presence of noxious weeds (includes maintenance and construction activities). If weeds are found, the FFO Weed Coordinator will be notified at (505) 599-8900 and the coordinator will determine the best method for the control of the particular weed species. Treat existing weeds prior to new surface disturbance.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ 2005 AUG 31 PM 2 28 Verbal Approval Received: Yes ☒ No ☐ **Verbal was received from Edwin Martin of the NMOCD in the Santa Fe Office on 1/19/05**	4. Generator: Halliburton Energy Services
	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS, and TCLP dated 10/7/04 attached.

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

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: January 19, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Ed Martin TITLE: Env. Eng DATE: 9-6-05

APPROVED BY: _____ TITLE: _____ DATE: _____

5. Recommendation: *PROCEED WITH ACTION* ☒ *STIPULATIONS ATTACHED* ☒

6. Reviewer /Archaeologist: Peggy Gaudy **Date**: 3/16/06

Report Summary	**BLM**	**Other**	**Total**
Acres Inventoried	7.23	0	0
Sites Recorded	0	0	0
Prev. Recorded Sites	0	0	0
Sites Avoided	0	0	0
Sites Treated	0	0	0

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service 4109 E. Main Street Farmington, New Mexico 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Halliburton, 4109 E. Main, Farmington attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Washbay grit from 2 bays that have been dried in a drying bed.	

I, Merle D. Krause III representative for :
Print Name

Halliburton Energy Service do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
___ Other (description
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____

Title: Material Control Supervisor

Phone Number: (505) 324-3551

Date: January 19, 2005

BLM Report Number: 2006(II)191F
USGS Map: Vigas Canyon
Activity Code: 1310

CULTURAL RESOURCE RECORD OF REVIEW

BUREAU OF LAND MANAGEMENT
FARMINGTON FIELD OFFICE

1. Description of Report/Project:

Project Name: San Juan 27-5 Unit #102P well and pipeline

Project Sponsor: Burlington Resources

Arch. Firm & Report No.: Aztec Archaeological Consultants 2005-051

Location: T27N R5W Section 12 Well Footages: 1085 FSL 1800 FWL
Bottom Hole Location: 250 FSL 250 FWL

Project Dimensions: Well: Staked well pad - 225' x 300', with 50' construction zone - 325' x 400'.
See Attached Stipulations.
Access: existing
Pipeline: 50' x 80' [on well pad]. See Attached Stipulations.

Sites Located: No☒ Yes☐

no cultural resources located

Determination: No Cultural Resources☒ No Historic Properties☒ No Effect☐
No Adverse Effect☐ Adverse Effect ☐

2. Field Check: No ☐ Yes ☒ Date: 3/15/06
Comment/Results: see Compliance Check Form

3. ACEC: No ☒ Yes ☐:

4. Traditional Cultural Property: No ☐ Yes ☒: Tucker Mesa may be the area reported as Dizdze Nteeli or Dzide Hoteel [Broad Choakcherry Patch] which is the place of a protype ceremony in the origin story of Nightway. It may also be one of the places reported in one version of the Mountaintopway ceremony where the Anasazi attacked the Navajo. The proposed well pad completely overlaps an existing well pad which contains two wells. No new surface disturbance off of the existing pad will be required.

-continued-

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22032

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 1-20-05 JOB # 92137-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Pit	Env IF2	Cont Out	K20	18		ETEC	558		
2	"	"	"	J20	18		"	"		
3	"	"	"	J20	18		"	"		
4	"	"	"	K20	18		"	555		
5	"	"	"	J20	18		"	555		
	2 lds. ea. 10yds fill									
	Per request No Charge for clean Soil				40					

4538

ENTERED JAN 21 2005

RECEIVED JAN 21 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Neil Winton COMPANY ETEC SIGNATURE

DATE 1-20-05

san juan reproduction 578-126

Hi-crest crested wheatgrass can be substituted for Oahe and Luna and planted at 3.0 lbs. PLS/A.

Species shall be planted in pounds of pure live seed per acre:
Present Pure Live Seed (PLS) = Purity X Germination/100
Two lots of seed can be compared on the basis of PLS as follows:

Source No. One (poor quality)		**Source No. two (better quality)**	
Purity	50 percent	Purity	80 percent
Germination	40 percent	Germination	63 percent
Percent PLS	20 percent	Percent PLS	50 percent
5 lb. bulk seed required to make 1 lb. PLS		**2 lb. bulk seed required to make 1 lb. PLS**	

Seed mixture used must be certified. There shall be **NO** primary or secondary noxious weeds in seed mixture. Seed labels from each bag shall be available for inspection while seed is being sown.

Seeding shall be accomplished within 120 days of completion of the construction project (timeframe may be extended on a case-by-case basis with AO approval). Seeding shall be repeated if a satisfactory stand is not obtained as determined by the **AO** upon evaluation after the second growing season.

Compacted areas shall be ripped to a depth of twelve (12) inches and disked to a depth of six (6) inches before seeding. Seeding shall be done using a disk-type drill with two boxes for various seed sizes. The drill rows shall be eight to ten inches apart. Seed shall be planted at not less than one-half inch deep or more than one inch deep. The seeder shall be followed with a drag, packer, or roller to ensure uniform coverage of the seed, and adequate compaction. Drilling shall be done on the contour where possible, not up and down the slope.

Where slopes are too steep for contour drilling a "cyclone" hand seeder or similar broadcast seeder shall be used. Seed shall then be covered to the depth described above by whatever means is practical, i.e, hand raked. If the seed is not covered, the prescribed seed mixture amount (pounds/acre/PLS) will be doubled.

If, upon abandonment of wells, the retention of access road is not considered necessary for the management and multiple-use of the natural resources, it will be ripped a minimum of 12" in depth. After ripping, water bars will be installed. All ripped surfaces are to be protected from vehicular travel by construction of a dead end ditch and earthen barricade at the entrance to these ripped areas. (Re-seeding of affected areas may be required.)

Abandonment

Ninety days prior to termination of the ROW, the holder shall contact the **AO** to arrange a joint inspection of the ROW. This inspection will be held to agree to an acceptable termination (and rehabilitation) plan. This plan shall include, but is not limited to, removal of facilities, drainage structures, or surfacing material, re-contouring, top soiling or seeding. The **AO** must approve the plan in writing prior to the holder's commencement of any termination actions.

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22185

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 1-21-05 JOB # 92132-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	HALLIBURTON	L.F. #2	cont Pad	J-20	18		ENVIROTECH	553	7:00	Mike Hoyt
2	HALLIBURTON	L.F. #2	cont Pad	J-20	18		ENVIROTECH	553	1:00	Mike Hoyt
									6 hrs	
					3½					
								4549		
								ENTERED JAN 25 2005		

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Mike Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 1-21-05

san juan reproduction 578-126

Maintenance will include drainage dips, turnout ditches, crowning and/or out-sloping/in-sloping, low water crossings and vehicle turnouts. Cattle guards and culverts will be cleaned and repaired or replaced. Surfacing may be required.

Failure of the holder to share maintenance costs in dollars, equipment, materials or man-power proportionate to the holder's use with other authorized users may be adequate grounds to terminate right-of-way grant. The determination as to whether this has occurred and the decision to terminate shall rest with the **AO.** Upon request, the **AO** shall be provided with copies of any maintenance agreement entered into.

Cultural Resources

Discovery of Cultural Resources in the Absence of Monitoring:
If, in its operations, operator/holder discovers any previously unidentified historic or prehistoric cultural resources, then work in the vicinity of the discovery will be suspended and the discovery promptly reported to Bureau of Land Management Field Manager. The Bureau of Land Management will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the Bureau Land Management will evaluate the significance of discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. Minor recordation, stabilization, or data recovery may be performed by a Bureau of Land Management or permitted cultural resources consultant. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed. Failure to notify the Bureau of Land Management about a discovery may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).

Discovery of Cultural Resources during Monitoring:
If monitoring confirms the presence of previously unidentified cultural resources, then work in the vicinity of the discovery will be suspended and the monitor will promptly report the discovery to the Bureau of Land Management Field Manager. The Bureau of Land Management will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the Bureau of Land Management will evaluate the significance of the discovery and consult with the State Historic Preservation Officer in accordance with 36 CFR Section 800.11. A Bureau of Land Management or permitted cultural resources consultant may perform minor recordation, stabilization, or data recovery. If warranted, more extensive treatment by a permitted cultural resources consultant may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any required treatment is completed.

Damage to Sites:
If, in its operations, operator/holder damages, or is found to have damaged any previously documented or undocumented historic or prehistoric cultural resources, excluding "discoveries" as noted above, the operator/holder agrees at his/her expense to have a permitted cultural resources consultant prepare and have executed a Bureau of Land Management approved data recovery plan. Damage to cultural resources may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act of 1979 (as amended).

Seeding

Seed all the disturbed areas outside the anchors using designated seed mixture and to the specifications given. Disturbed areas shall be re-contoured and re-seeded within 120 days of final construction.

Type	Variety or Cultivator	PLS/A
Western wheatgrass	Arriba	2.0
Indian ricegrass	Paloma	1.0
Blue grama	Hatcheta or Alma	0.25
Antelope bitterbrush	Unknown	0.10
Four-wing saltbrush	Unknown	0.25
Small burnet	Delar	1.0

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator: Halliburton Energy Services
	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS, and TCLP dated 10/7/04 attached.

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

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: November 5, 2005

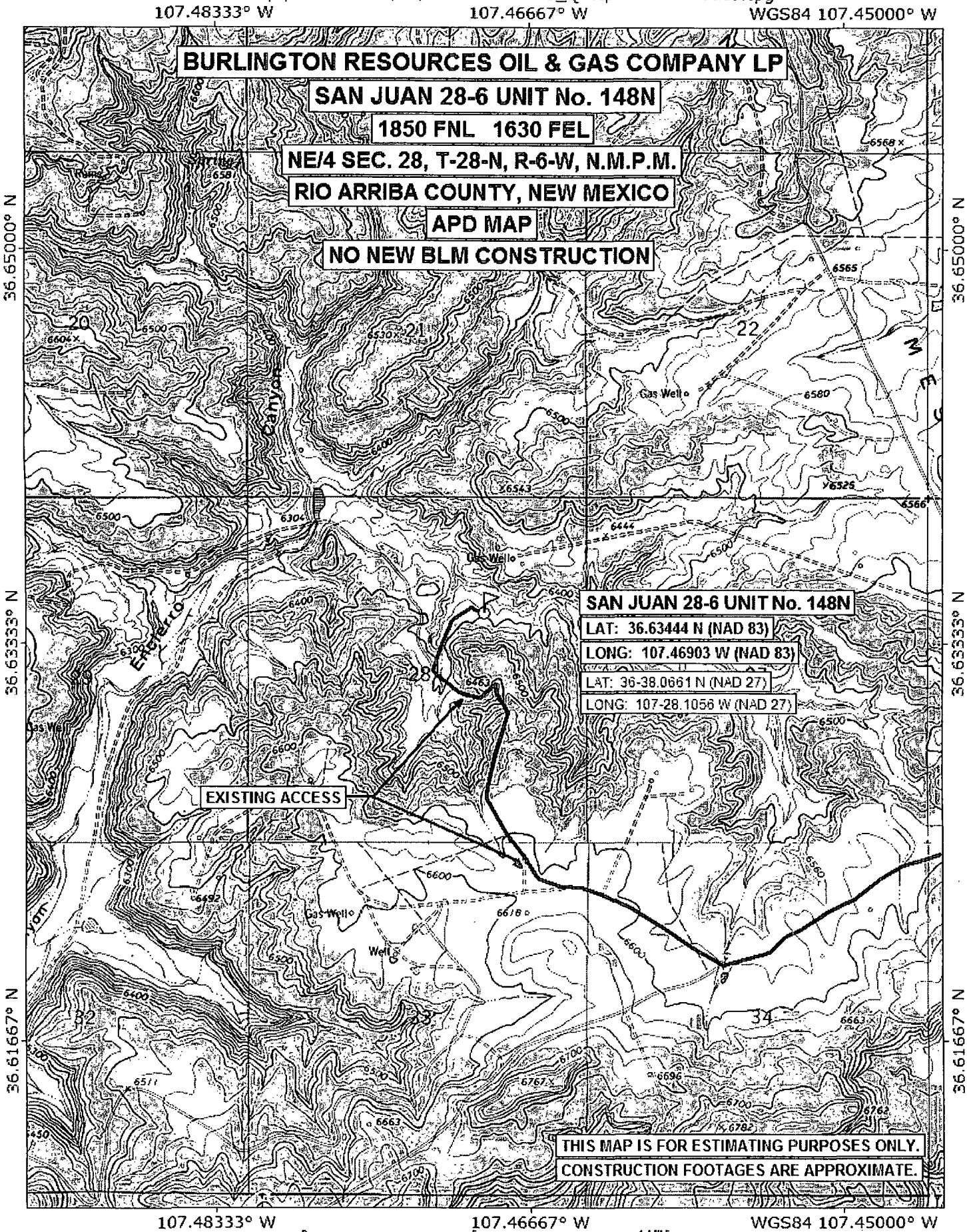
TYPE OR PRINT NAME: Morris Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: 11-30-05

APPROVED BY: _____ TITLE: _____ DATE: _____

TOPO! map printed on 02/02/06 from "BR543_QM.tpo" and "Untitled.tpg"



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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service 4109 E. Main Street Farmington, New Mexico 87402	Enviroteeh Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Halliburton, 4109 E. Main, Farmington attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Washbay grit from 2 bays that have been dried in a drying bed.	

I, Merle D. Krause III representative for :
Print Name

Halliburton Energy Service do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
__X__RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

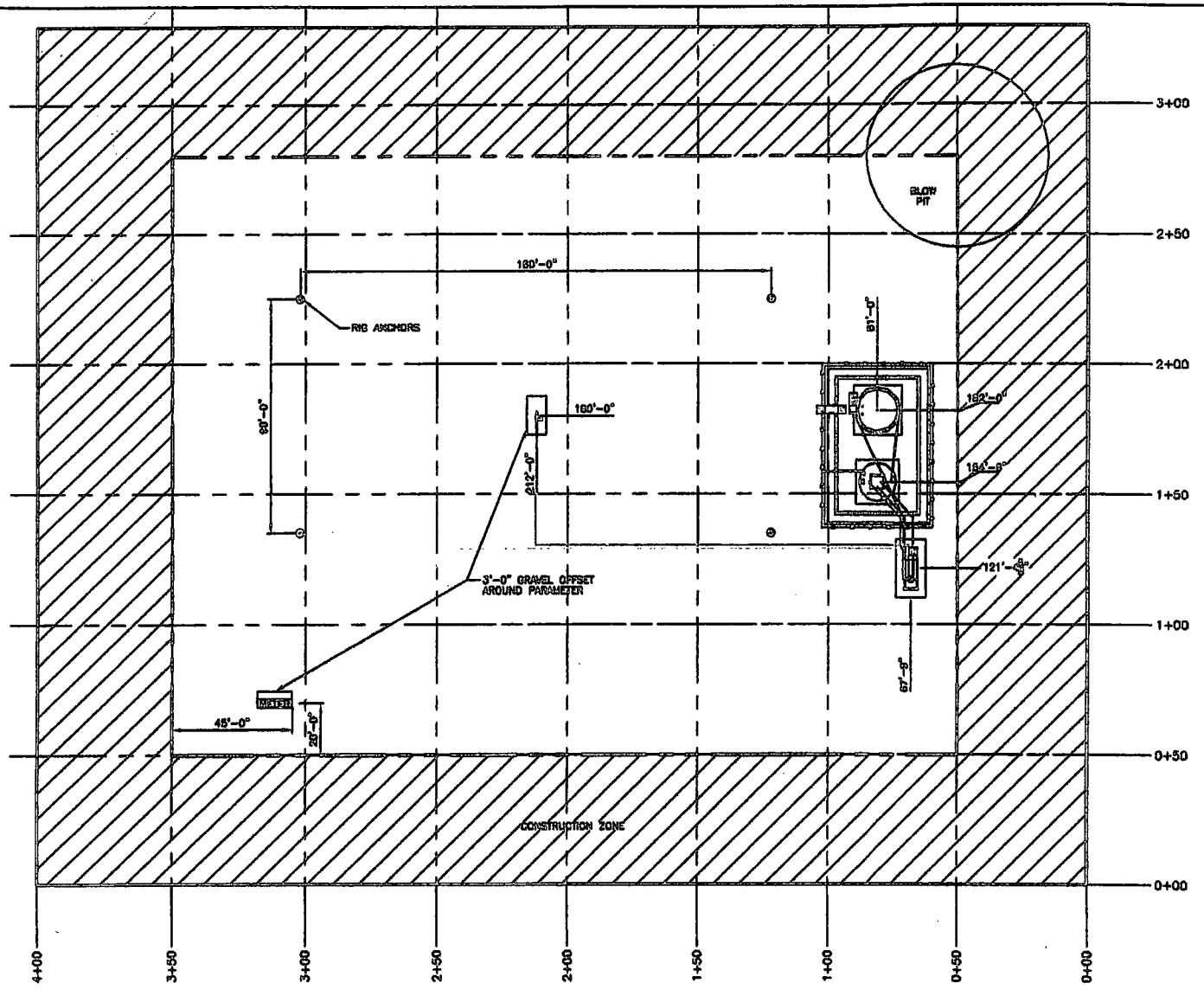
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____

Title: Material Control Supervisor

Phone Number: (505) 324-3551

Date: November 5, 2005



FLOW LINE 1

SALES LINE

NOTES:

SEE SHEET 3 & 4 FOR PIPING DETAILS

ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

REFERENCE DRAWINGS		REVISIONS					
DWG NO.	TITLE	NO.	DESCRIPTION	BY	APP'D	DATE	APP'D DATE

BURLINGTON RESOURCES
FARMINGTON, NEW MEXICO

HIGH PRESSURE MESA VERDE/DAKOTA
FACILITY DIAGRAM - SITE LAYOUT

SHEET 1 OF 4

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23812

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-5-05 JOB # 92132-039 Halliburton PF

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton	Env. LF3	Cont Dirt	424	20		ETEC	558		
								316		

RECEIVED NOV 07 2005

03666

ENTERED NOV 7 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME A. Winterton COMPANY ETEC SIGNATURE

DATE 11-5-05

san juan reproduction 325-1126

13. Operator's Representative and Certification

The person who can be contacted concerning compliance of this Surface Use Plan is:

Chuck Smith
Sr. Construction Supervisor
Burlington Resources
P.O. Box 4289
Farmington, NM 87499-4289
505-326-9845

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drilling site; that I am familiar with the conditions which currently exist; that the statements made in the plan, are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Burlington Resources and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved. This statement is subject to the provision of 18 U.S.C. 1001 for filing of a false statement:

Joni Clark

Joni Clark, Regulatory Analyst

4/27/06

Date

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23597

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11/5/05 JOB # 92132-039

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Soup	LF 3	Contaminated dirt	Z-26	20		Envirotech	555	8:30	
2	Halliburton Soup	LF 3	Con dirt	4-24	20		Envirotech	555	12:35	
					40					

RECEIVED NOV 07 2005

63606

ENTERED NOV 07 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Ed Schwartz COMPANY Envirotech SIGNATURE

DATE 11/5/05

san juan reproduction 578-126

8. Ancillary Facilities
There is a possibility that the placement of a compressor unit or pumping unit will be needed on location during some stage in the life of this well. If and when a compressor is placed on location, it will abide by any noise restrictions in affect at that time.

9. Production Facility Layout
   A. See attachment to this plan. Production equipment will be painted the color designated by the BLM: Color Juniper Green.
   B. Any production equipment encompassed by a dirt berm or one in which potentially hazardous fluids are present shall be adequately fenced and properly maintained in order to safeguard both livestock and wildlife.
   C. Location of Proposed New Facilities. - A buried steel pipeline of Williams is being applied for within this APD.

10. Plans for Restoration of Surface
Topsoil (6") will be stockpiled in the construction zone for later use in restoration. When the well is abandoned, the location and access road will be cleaned and restored to the original topographical contours as much as possible. The area will be reseeded with the appropriate seed mixture. If the well is productive, areas not used in production will be contoured and seeded with stipulated mixture.

11. Surface Ownership
The BLM/Farmington Field Office has mineral jurisdiction on this project.

12. Other Information
   1. The onsite for the proposed project was conducted on 1/26/06 with Lindsey Hansen as the BLM as Lead.
   2. No invasive weeds were identified in the proposed project area.
   3. Aztec Archeology in Aztec, New Mexico has provided the Cultural Resource Survey Report - Report Number AAC-04-192.
   4. Notification will be given to the BLM prior to construction of the well pad and access road.
   5. The proposed action would impact no floodplains or stock ponds.
   6. This well is twinned with the San Juan 28-6 Unit #437.

300

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23766

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-4-05 JOB # 92132-039-00

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton yard	L.F. #2	Non-Haz Drill Cuttings	G-34	20		Envirotech	553		Leroy Paul
2	Halliburton yard	L.F. #2	Non-Haz Drill Cuttings	G-34	20		Envirotech	553		Leroy Paul
3	Halliburton yard	L.F. #2	Non-Haz Drill Cuttings	G-34	20		Envirotech	553		Leroy Paul
4	Halliburton yard	L.F. #2	Non-Haz Drill Cuttings	G-34	20		Envirotech	553		Leroy Paul
					80					

RECEIVED NOV 07 2005

L0360

ENTERED NOV 07 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned generator, and that no additional materials have been added."

NAME Leroy Paul COMPANY Envirotech SIGNATURE Leroy Paul

DATE 11-4-05

san juan reproduction 578-126

BURLINGTON RESOURCES

Multi-Point Surface Use Plan for San Juan 28-6 Unit #148N

The following is required information concerning the possible effect, which the drilling of this well may have on the environment, existing road sites, and surrounding acreage. A copy will be posted on the derrick floor so all contractors and sub-contractors will be aware of all items on this plan.

1. Existing Roads and Well Locations
   A. The proposed Mesaverde/Dakota well location site is Unit G (SWNE) of Section 28, T28N, R06W, in Rio Arriba County, New Mexico. Existing roads used to access the location shall be maintained in the same or better condition than presently maintained.
   B. Directions to the location - see attached

2. Planned Access Road
   A. No new access road will have to be constructed to reach the proposed well pad.
   B. Turnouts as specified by the BLM.
   C. Using the Plat 1 Map (cut & fill diagram) for reference of road direction and length.
   D. Cattleguards - no new cattleguards indicated during onsite.

3. Wellsite Layout & Cross Sections
   See Cut & Fill plat for details. The proposed project will require 3:1 cut & fill slopes during the clean-up phase of the project. Trees from the well pad will be used as erosion control along new access road as needed and the remainder will be cut & hauled to town.

5. Water Supply
   Water will be trucked to the location from San Juan 28-6 Water Hole located in SW/4 of Section 23, T28N, R06W, New Mexico.

6. Source of Construction Materials:
   Construction materials will be obtained from the location site.

7. Methods of Handling Waste Disposal
   A. The Drill cuttings, drill water and completion fluids will be placed in a lined reserve pit. The reserve pit will be fenced on three sides away from the pad during drilling and the fourth side fenced as soon as the rig moves out. The reserve pit will be allowed to dry or the fluids will be hauled to an approved disposal facility. The reserve pit will then be backfilled, leveled and contoured as to prevent any materials being carried into the watershed. Upon completion, the pad will be leveled, contoured and reseeded with the appropriate seed mixture as specified by the BLM. The information mentioned in this section is in accordance with Burlington's "General Plan" to construct and close drill pits which is in compliance with Rule 19.15.2.50 (B)(2).
   A. All garbage and trash will be hauled away to a landfill designated by Burlington.
   B. Chemical toilets will be provided and maintained during drilling operations.
   C. Any brush, small trees and limbs will be used as erosion control along the new access road.

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23767

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 11-5-05 JOB # 92132-039-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Yard	L.F. #2	Lw. L.D.+	36-31	20		Envirotech	553		Leroy Pratt
					20					

RECEIVED NOV 07 2005

6302

ENTERED NOV 07 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Leroy Pratt COMPANY Envirotech SIGNATURE Leroy Pratt

DATE 11-5-05

San Juan reproduction 378-126

CULTURAL RESOURCE STIPULATIONS
Farmington Field Office
BLM Report Number: 2006(II)191F

Project Name: San Juan 27-5 Unit #102P well and pipeline
Project Sponsor: Burlington Resources

1. Site Protection and Employee Education:
   All employees of the project will be informed that cultural sites are to be avoided by all personnel, personal vehicles and company equipment. They will also be notified that it is illegal to collect, damage, or disturb cultural resources.
2. Notification:
   In case of discovery or questions concerning these stipulations contact Peggy Gaudy at 505.599.6337.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **Verbal was received from Edwin Martin of the NMOCD in the Santa Fe Office on 5/10/05**	4. Generator: Halliburton Energy Services
	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS, and TCLP dated 10/7/04 attached.

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

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: May 10, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

Scientific Drilling
Planning Report

Company:	Burlington Resources	**Date:** 2006/02/28	**Time:** 20:11:35	**Page:**	1
Field:	Rio Arriba, NM	**Co-ordinate(NE) Reference:**	Well: 27-5 UNIT 102P, Grid North		
Site:	SECTION 27-5	**Vertical (TVD) Reference:**	SITE 6965.0		
Well:	27-5 UNIT 102P	**Section (VS) Reference:**	Well (0.00N,0.00E,266.23Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Field: Rio Arriba, NM

United States of America

Map System:	US State Plane Coordinate System 1927	**Map Zone:**	New Mexico, Western Zone
Geo Datum:	NAD27 (Clarke 1866)	**Coordinate System:**	Well Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	bggm2005

Site: SECTION 27-5

Site Position:		**Northing:**	ft	**Latitude:**	
From:	Lease Line	**Easting:**	ft	**Longitude:**	
Position Uncertainty:	0.00 ft			**North Reference:**	Grid
Ground Level:	0.00 ft			**Grid Convergence:**	0.31 deg

Well: 27-5 UNIT 102P **Slot Name:**

Well Position:	+N/-S	137.05 ft	**Northing:**	2032172.210 ft	**Latitude:**	36 35 1.716 N
	+E/-W	97.62 ft	**Easting:**	653131.090 ft	**Longitude:**	107 18 42.372 W
Position Uncertainty:		0.00 ft				

Wellpath: OH

Drilled From:	Surface				
Tie-on Depth:	0.00 ft				
Current Datum:	SITE	**Height**	6965.00 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	2005/11/22			**Declination:**	10.35 deg
Field Strength:	51323 nT			**Mag Dip Angle:**	63.55 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	0.00	0.00	0.00	266.23

Plan: Plan #1 **Date Composed:** 2005/11/22

Version: 1

Principal: Yes **Tied-to:** From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
916.79	20.67	266.23	905.66	-6.07	-92.02	4.00	4.00	0.00	0.00	
4660.51	20.67	266.23	4408.34	-93.06	-1410.74	0.00	0.00	0.00	0.00	
5177.31	0.00	0.00	4914.00	-99.13	-1502.76	4.00	-4.00	0.00	180.00	
8539.31	0.00	0.00	8276.00	-99.13	-1502.76	0.00	0.00	0.00	0.00	PBHL

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
350.00	0.00	0.00	350.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 4.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
500.00	4.00	266.23	499.92	-0.23	-3.48	3.49	4.00	4.00	0.00	0.00
600.00	8.00	266.23	599.35	-0.92	-13.91	13.94	4.00	4.00	0.00	0.00
700.00	12.00	266.23	697.81	-2.06	-31.23	31.30	4.00	4.00	0.00	0.00
800.00	16.00	266.23	794.82	-3.65	-55.37	55.49	4.00	4.00	0.00	0.00
900.00	20.00	266.23	889.91	-5.69	-86.20	86.38	4.00	4.00	0.00	0.00
916.79	20.67	266.23	905.66	-6.07	-92.02	92.22	4.00	4.00	0.00	0.00

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service 4109 E. Main Street Farmington, New Mexico 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Halliburton, 4109 E. Main, Farmington attach list of originating sites as appropriate	
4. Source and Description of Waste	
Washbay grit from 2 bays that have been dried in a drying bed.	

I, Merle D. Krause III representative for :
Print Name

Halliburton Energy Service do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
__X__ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____

Title: Material Control Supervisor

Phone Number: (505) 324-3551

Date: May 10, 2005

Directions from the Post Office in
In BLANCO, NM to

Burlington Resources Oil & Gas Company LP, SAN JUAN 28-6 UNIT No. 148N

1850' FNL & 1630' FEL, Section 28, T-28-N, R-6-W, N.M.P.M., Rio Arriba County, New Mexico

From the Post Office in Blanco, NM Go East on Highway 64, 22.5 miles.

Turn right and go Southeasterly 3.3 miles.

Turn right and go southerly 0.5 miles.

Turn left and go southerly 1.6 miles to the "Crow's Foot".

Continue straight in a southwesterly direction for 1.4 miles.

Turn right and go northwesterly for 0.5 miles.

Turn right and go northwesterly for 0.9 miles.

Turn right and go northeasterly for 0.3 miles to new well location at the San Juan 28-6 Unit No. 437 well location.

ENVIROTECH INC.

Bill of Lading

MANIFEST # 22609

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 5-10-05 JOB # 92132-001 JK

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Pit	Env. LF3	Cont Dirt	V 21	20		ETEC	553		Mike Hoyt
2	Halliburton Pit	Env. LF3	Cont Dirt	V 21	20		ETEC	558		M Winterton
3	Halliburton Pit	Env. LF3	Cont Dirt	V 20	20		ETEC	549	Lunch	Larry Case
4	Env. LF	Halliburton	fill		20		ETEC	553		Mike Hoyt
5	Env. LF	Halliburton	fill		20		ETEC	558		M Winterton
6	Halliburton Pit	Env. LF3	Cont Dirt	V21	20		ETEC	553		Mike Hoyt
7	Halliburton Pit	Env LF3	Cont Dirt	V21	10		ETEC	558		M Winterton
				Cont - 90						
				Clean - 40						
								5524		
								ENTERED MAY 17 2005		

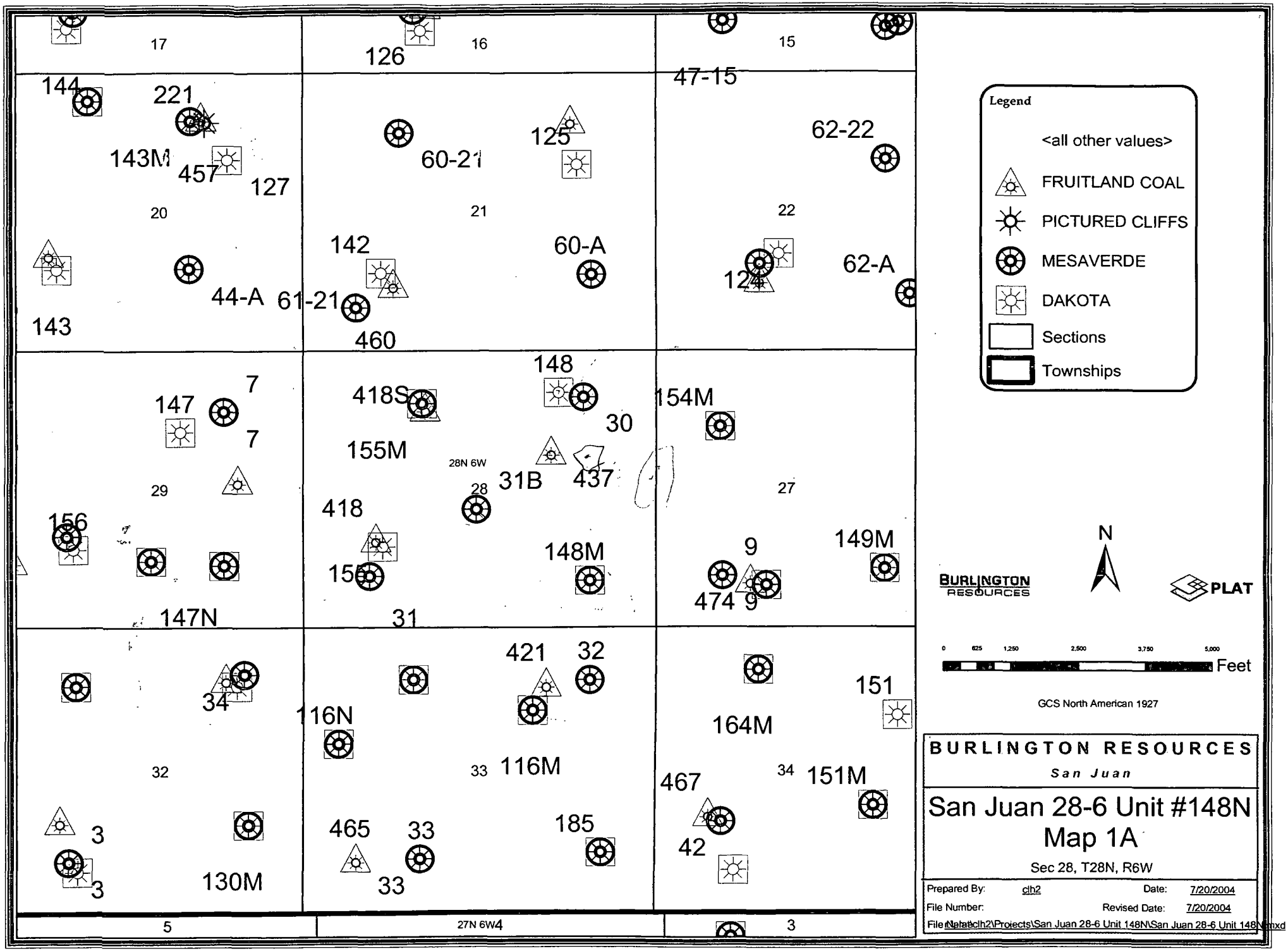
RECEIVED MAY 17 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME M. Winterton COMPANY ETEC SIGNATURE M Winterton

DATE 5-10-05

san juan reproduction 578-1125


17
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61-21
124
62-A
143
460
148
7
418S
154M
147
30
7
155M
28N 6W
31B
437
29
28
27
418
156
148M
149M
9
150
474
9
147N
31
421
32
34
116N
151
164M
116M
33
32
34
151M
467
3
185
465
33
42
130M
33
3
5
27N 6W
4
3
Legend
<all other values>
FRUITLAND COAL
PICTURED CLIFFS
MESAVERDE
DAKOTA
Sections
Townships
N
BURLINGTON RESOURCES
PLAT
0 625 1,250 2,500 3,750 5,000
Feet
GCS North American 1927
BURLINGTON RESOURCES
San Juan
San Juan 28-6 Unit #148N
Map 1A
Sec 28, T28N, R6W
Prepared By: clh2
Date: 7/20/2004
File Number:
Revised Date: 7/20/2004
File Name: C:\Data\clh2\Projects\San Juan 28-6 Unit 148N\San Juan 28-6 Unit 148N.mxd

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ 8/07/06 verbal approval Brandon Powell effective 8/6/06 EMERGENCY SITUATION	4. Generator: Halliburton Energy Services
	5. Originating Site: Truck accident
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Navajo Dam spillway - Hwy 511 mm 14	Project # 92132-041

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept sludge from cleanup of material from truck accident at Navajo Dam spillway. Water was vacuumed up as much as possible and area was steam cleaned to finish the cleanup effort.
RCRA metals testing done 8/5/06 revealed the following levels: Arsenic nondetect; Barium 0.250 mg/Kg; Cadmium 0.003 mg/Kg; Chromium 0.003 mg/Kg; Lead nondetect; Mercury nondetect; Selenium 0.001 mg/Kg; Silver nondetect.
Charlie Perrin, District Supervisor NMOCD and State Police Sgt Albert Montoya agreed water vacuumed up was acceptable to transport to Envirotech Landfarm 2 to be used for dust suppression.

CWS for water and sludge material, analyticals, MSDS for diesel #2, Chevron antifreeze, Chevron Delo motor oil,Chevron rock drill oil, Chevron hydraulic oil and Chevron automatic transmission oil attached

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

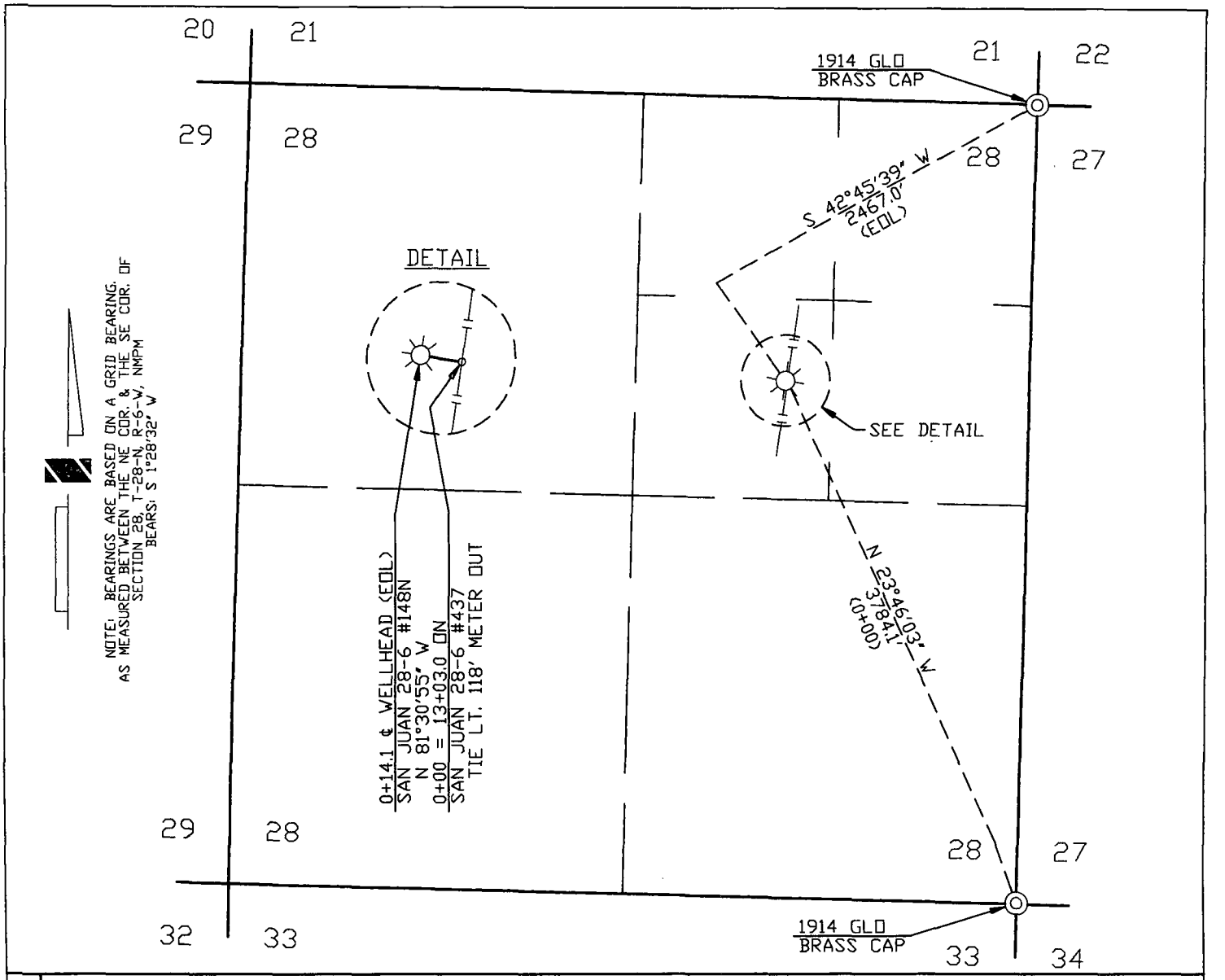
SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: August 7, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envir. Spec DATE: 8/9/06

APPROVED BY: [signature] TITLE: Environ Engr DATE: 8/30/06



PIPE DATA

OWNERSHIP

SUBDIVISION	OWNER	FEET	MILES	ACRES	RODS	
0+00 TO 0+14.1	BUREAU OF LAND MANAGEMENT	14.1	0.003	0.0130	0.855	

REVISION

NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.	NO.	DATE	BY	DESCRIPTION	W.O.NO.	CHK.	APP.
2	8/3/05	AD	LINE CHANGE 7/28/05		PB								
1	6/16/05	AD	ISSUED FOR REVIEW		PB		2	2/16/06	BDY	LINE CHANGE 2/07/06		PB	

INFO		DRAFTING	BY	DATE
R/W #:	06065	DRAWN BY	AD	6/16/05
METER #:		CHECKED BY	PB	6/17/05
SURVEYED:	6/9/05	APPROVED BY		
		ENGINEER	BY	DATE
		DESIGNED BY		
		PROJ. APPROVED		

STATE: NEW MEXICO
COUNTY: RIO ARRIBA

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

SAN JUAN GATHERING SYSTEM
BROG - SAN JUAN 28-6 #148N
0+00 = 13+03.0 ON SAN JUAN 28-6 #437
(REF. DWG. 20L765.0-10-1)
SEC. 28, T-28-N, R-6-W, NMPM

SCALE: 1"=1000'
W.O. NO.

DWG NO. 20L765.0-18-1

SHEET 1 OF 1
REV 3

T:\DS\MAPPING\DRAWINGS\SANJUAN\765\00\20L7650-18-1_R03.DWG 02/20/2006 8:00AM PAULB

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ VERBAL APPROVAL - BRANDON POWELL 8/2/06	4. Generator: The Hanover Company 5. Originating Site: Thompson CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 4; T 30N; R 12W	Project #99043-026

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil from spill cleanup on site. Soil contaminated with antifreeze that spilled from bulk storage on site.

CWS and MSDS for Coastal Chemical product Thermguard 50 antifreeze attached.

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

SIGNATURE Morris D. Young TITLE: President DATE: 08/02/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Env. Spec DATE: 8/8/2006

APPROVED BY: [signature] TITLE: Env. Engr DATE: 9/5/06

anchors with a graveled pull through shall be accomplished, with even spreading of top soil and seeding of disturbed areas directly following well drilling.

EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P50 #1 Wildlife USFWS 3/16/2004 letter WRT Consultation # 2-22-04-I-262. **Migratory Birds:**

• **If construction is to occur during Migratory bird breeding season (March through August) a survey for Migratory birds shall be made just prior to construction with activities avoiding nesting/fledgeling individuals discovered. The least amount of trench shall be left open overnight and escape routes from trenches provided for wildlife** per USFWS recommendation 3/16/2004 letter WRT Consultation # 2-22-04-I-262.

• EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P46 MITIGATION. The contractor shall use Best Management Practices (BMP's) which eliminate or minimize adverse impacts to the environmental public health and the Natural Resources

• EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P47. Permanent pad slopes shall not exceed 2:1per BIA COAs. Slopes greater than 3:1 shall not exceed 2:1 and shall be lined at top and toe with continuous waddles as excelsior logs and shall be additionally covered with an erosion inhibiting material and timely seeded with a BIA approved seedmix.

EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P53 Resource Related Pests #1b.

•**Permitted lands shall be controlled for noxious and non-native species for the life of the project.**

EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P51 Wildlife

• **Vent stacks shall be installed with bird and bat screen protectors.**

EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, Wildlife.

•**Following well drilling and completion during the liquid drying stage for reserve pits, the pits shall be fully fenced. If fluids contain hydrocarbons or hazardous chemicals bird netting shall be suspended and maintained in order to protect migratory birds until reclamation is completed.**

43 CFR 3162.3-4

• **Final well reclamation**: According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of the final plugging operation. The final reclamation

99043

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER 1280 TROY KING RD. FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico

3. Originating Site (name): Location of the Waste (Street address &/or ULSTR):

WILLIAMS' THOMPSON COMPRESSOR STATION SEC. 4 T30N R12W

attach list of originating sites as appropriate

4. Source and Description of Waste

COASTAL CHEM. THERMGUARD 50 ANTIFREEZE SPILLED FROM BULK STORAGE TANK ONTO GROUND, MIXED WITH SOIL

I, MICHAEL BALCAR
Print Name
representative for:

HANOVER
do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ EXEMPT oilfield waste

X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Balcar

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 8/2/06

• **EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, #11.**

Instead of a installing a reserve pit in cut materials, a self contained mud pit shall be allowed and may be placed on fill materials. The tank shall have encompassing adequate berms to retain a spill in excess of the volume of the tank. Cuttings may be stored above ground on the well pad or in the construction zone within a 12 mil minimum lined berm adequate to contain cuttings. At the end of drilling, all cuttings shall be buried in a lined trench in undisturbed materials and covered within the pad.

• **EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, #8.**

A geo-textile fabric shall be installed on the south pad slope to prevent erosion.

• **EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, #9**

The pad shall be sloped slightly into the center with shallow berms erected around the periphery to keep storm water from eroding the shoulders of the pad.

For all wells,

• **EPA Storm Water Pollution Prevention Plan is not required, but Best Management Practices must be employed for erosion controls.** ***It is the understanding of this BLM office that the project does exceed 5 Acres. A Storm Water Pollution Prevention Plan shall be submitted to the BIA- UMU Agency.***

•Travel shall be prohibited in inclement weather.

UMU/BIA standards.

•Access road R.O.W's shall be 20' maximum disturbance width, pipelines shall be 40' ROW (combined P/L and Road = 40' as well). Pad construction zones shall be 30', not 50' unless circumstances have required that as an exception Condition of Approval.

EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P50 #3 Wildlife

•If any Threatened/Endangered/Sensitive (TES) species are identified during construction or operation, the UMU Tribe and the BIA shall be contacted immediately and construction activities potentially adversely affecting the species shall be discontinued until clearance is provided by the UMU Tribe/BIA and the USFWS.

(EA of OIL & GAS LEASING & DEVELOPMENT on UMUIR, 1993, P49 Water Resources #8)

•During construction, the top 6-8" of topsoil shall be piled within the permitted area, designated as such and used for interim reclamation. Interim reclamation to the well-bore

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	ThermGuard 50
Supplier	COASTAL CHEMICAL CO.,L.L.C. 3520 Veterans Memorial Drive ABBEVILLE, LA 70510 337-893-3862
Synonym	Not available.
Trade name	Not available.
Material Uses	Industrial applications: Coolant and antifreeze.
Manufacturer	Coastal Chemical Co., Inc. 3520 Veterans Memorial Drive Abbeville, La.

Code	Not available.
MSDS#	Not available.
Validation Date	03/16/2000
Print Date	10/05/2000

In case of Emergency	Transportation Emergency Call CHEMTREC 800-424-9300 Other Information Call Joe Hudman 713-477-6675

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC_{50}/LD_{50}
1) Ethylene Glycol	107-21-1	50	CEIL: 39.4 (ppm) CEIL: 100 (mg/m^3)	ORAL (LD50): Acute: 4700 mg/kg [Rat]. DERMAL (LD50): Acute: 9530 mg/kg [Rabbit.].

Section 3. Hazards Identification

Emergency Overview

CAUTION!

HARMFUL IF INHALED. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. Repeated or prolonged exposure to the substance can produce kidney damage.

Routes of Entry

Ingestion.

Potential Acute Health Effects

Very dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, sensitizer, permeator), of eye contact (irritant), of inhalation. This product may irritate eyes and skin upon contact.

Potential Chronic Health Effects

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. The substance is toxic to kidneys, the nervous system, the reproductive system, liver. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4. First Aid Measures

Eye Contact

IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.

Skin Contact

If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Hazardous Skin Contact

No additional information.

Inhalation

Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Hazardous Inhalation

No additional information.

Continued on Next Page

Between Sta 60+89.34 and 61+98.65 it shall be required to move the **Centerline of ROW to the west side of the two-track** to avoid an archy site that shall be fenced prior to construction activities and avoided.

At Sta 63+29 an archy site is off the road to the west. It shall be fenced prior to construction activities and avoided

(C) The drainage at Sta 60+00 will require a suitably sized culvert.

Between Sta 64+49.86 and 65+22.42, a sizeable ephemeral drainage is encountered. A 24"x 40' or larger culvert would be required with armored inlet and outfall with rock rip-rap to channel water to the culvert. While Army Corps notification may be required, notice of action is advised and construction must follow guidelines of NWP #12 and NWP #14.

A suitably sized culvert shall be utilized at station 73+53 with a ramp constructed to gain necessary elevation. *This culvert shall be armored upstream and at outlet to prevent erosion. The entire access shall be ditched on the uphill side, adequately culverted and crowned.*

(D) Between Sta. 61+98.65 and sta 65+48.71 t**he pipeline shall stay with the road right-of-way and not diverge to the north across the dog-leg of the access.** . At sta 67.38 an archy site shall be fenced prior to construction activities and avoided.

(E) At Sta 69+15.00 to 70+71.00 silt fences or other effective means shall keep spoils out of the drainage during construction phases and matting and excelsior logs used to retain soils until stabilized by reseeding or other approved method. .

EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, Construction #7

•A trench and berm shall be required in the construction zones on the north and higher elevations of the pad surfaces to channel water to the south or east to natural watercourses around the pad to prevent stormwater from entering the pad.

EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, General #1, #10 Army Corps of Engineers NWP #18, filling drainages.

• The soils shall be kept out of the respective drainages (silt fencing or other effective controls) during construction and by geo-textile matting afterwards. All slopes shall be kept to less than 2:1 and shall be stabilized. This means that the north slope at the 25-30' cuts will need to be retracted slightly to keep within the exterior construction limits.

Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.
Hazardous Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Section 5. Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	The lowest known value is 398°C (748.4°F) (Ethylene Glycol).
Flash Points	The lowest known value is CLOSED CUP: 116°C (240.8°F). OPEN CUP: 111°C (231.8°F). (Cleveland). (Ethylene Glycol)
Flammable Limits	The greatest known range is LOWER: 3.2% UPPER: 15.3% (Ethylene Glycol)
Products of Combustion	These products are carbon oxides (CO, CO2).
Fire Hazards in Presence of Various Substances	Very slightly to slightly flammable in presence of open flames and sparks, of heat.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Special Remarks on Fire Hazards	When heated to decomposition, it emits acrid smoke and irritating fumes. (Ethylene Glycol)
Special Remarks on Explosion Hazards	No additional remark.

Section 6. Accidental Release Measures

Small Spill	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Section 7. Handling and Storage

Handling	Not available.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engeneering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	Safety glasses. Lab coat. Gloves (impervious). Wear appropriate respirator when ventilation is inadequate.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Chemical Name or Product Name	CAS #	Exposure Limits

Continued on Next Page

9.0 SITE SPECIFIC MITIGATION MEASURES
As a Result of Environmental Assessment
And Onsite Consultation
For the **Ute Indian B-1** well DNA 05-023

ALL CONSTRUCTION PERSONNEL TAKE NOTICE! THESE ARE CONDITIONS OF APD APPROVAL.

SITE	TREE REMOVAL			ARROYOS/ Ephemeral washes	CWA	Cultural: Site Fenced & Archaeologist
	PAD	ACCESS	PIPELINE			
Ute Indian B-1	X	x	X	several crossed	NWP#12,14	To Be Fenced

At the Ute Indian B-1 well location, access route and pipeline route:

EA-Oil & Gas Leasing & Development- UMUIR P31, IV. "Pads, Roads, Pipelines"

•UMU/BIA Condition: Roads shall be 20' maximum disturbance width, pipelines shall be 40' ROW (combined P/L and Road = 40' as well).

EA-Oil & Gas Leasing & Development- UMUIR P53, K. "Archaeological"

• All known cultural resources must be protected by providing a buffer zone, temporary fencing and other provisions as stated on pages 20-21 in Report LAC 2004-19e.

EA-Oil & Gas Leasing & Development- UMUIR P49, Water Resources, Control #1

• The road shall be ditched with channels to existing drainages. Low water crossings shall be provided into the subsurface the width of the crossings.

(A.)Specifically, the road shall be bladed, ditched, and constructed with **appropriate rock armored low water crossings finished at grade level as needed to preclude soil erosion. Access road crossings shall incorporate the addition of suitable rock below natural ephemeral grade to a minimum of 12" with 4" pit run cobble or equivalent, extending a minimum of 25' beyond the centerline of the washes.** These exist notably at Sta 40+00, 43+50, 45+00, 48+00, 50+00, 51+00 along the existing dozed P&A well road. Along the new construction portion, notable is Sta 57.67 which will require rock fill on top and around an existing rock slab base.

At Sta 63+29 a low water crossing shall be constructed with minimum 4" cobbles or local rock equivalent riprap.

(B) Between Sta 57+00 and 60+00, the centerline of the road shall be shifted to the east edge of the existing two-track to avoid an archy site to the left. It shall be fenced prior to construction activities and avoided.

1) 1,2-Ethanediol	107-21-1	CEIL: 39.4 (ppm) CEIL: 100 (mg/m³)

Section 9. Physical and Chemical Properties

Physical state and appearance	Liquid.
Molecular Weight	Not applicable.
pH (1% soln/water)	Neutral.
Boiling Point	The lowest known value is 198°C (388.4°F) (Ethylene Glycol).
Melting Point/Pour Point	May start to solidify at -13.5°C (7.7°F) based on data for: Ethylene Glycol.
Critical Temperature	Not available.
Specific Gravity	1.06 (Water = 1)
Vapor Pressure	The highest known value is 0.05 mm of Hg (@ 20°C) (Ethylene Glycol).
Vapor Density	The highest known value is 2.1 (Air = 1) (Ethylene Glycol).
Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	Not available.
Water/Oil Dist. Coeff.	The product is much more soluble in water.
Ionicity (in Water)	Not available.
Dispersion Properties	See solubility in water, methanol, diethyl ether.
Solubility	Easily soluble in cold water, hot water, methanol, diethyl ether. Very slightly soluble in n-octanol.
Physical Chemical Comments	Not available.

Odor	Not available.
Taste	Not available.
Color	Not available.

Section 10. Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents, alkalis.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Not available.

Section 11. Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): 4700 mg/kg (Rat) Acute dermal toxicity (LD50): > 5000 mg/kg (Rabbit.)
Chronic Effects on Humans	The substance is toxic to kidneys, the nervous system, the reproductive system, liver.
Other Toxic Effects on Humans	Very dangerous in case of ingestion. Very slightly to slightly dangerous in case of skin contact (irritant, sensitizer, permeator), of eye contact (irritant), of inhalation.
Special Remarks on Toxicity to Animals	Toxic for humans or animal life. (Ethylene Glycol)

Continued on Next Page

Company:	Burlington Resources	**Date:**	2006/02/28	**Time:** 20:11:35	**Page:** 4
Field:	Rio Arriba, NM	**Co-ordinate(NE) Reference:**	Well: 27-5 UNIT 102P, Grid North		
Site:	SECTION 27-5	**Vertical (TVD) Reference:**	SITE 6965.0		
Well:	27-5 UNIT 102P	**Section (VS) Reference:**	Well (0.00N,0.00E,266.23Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3372.22	3203.00	Ojo Alamo		0.00	80.67
3534.68	3355.00	Kirtland		0.00	80.67
3837.16	3638.00	Fruitland		0.00	80.67
4056.26	3843.00	Pictured Cliffs		0.00	80.67
4227.27	4003.00	Lewis		0.00	80.67
4472.03	4232.00	Hurfanito Bentonite		0.00	80.67
5027.03	4764.00	Chacra		0.00	80.67
5747.31	5484.00	Massive Cliff House		0.00	80.67
5875.31	5612.00	Menefee		0.00	80.67
6225.31	5962.00	Point Lookout		0.00	80.67
6750.31	6487.00	Mancos		0.00	80.67
7400.31	7137.00	Gallup		0.00	80.67
8173.31	7910.00	Greenhorn		0.00	80.67
8235.31	7972.00	Graneros		0.00	80.67
8267.31	8004.00	Two wells		0.00	0.00
8383.31	8120.00	Upper Cubero		0.00	80.67
8423.31	8160.00	Lower Cubero		0.00	80.67
8509.31	8246.00	Encinal		0.00	80.67

Annotation

MD ft	TVD ft	
400.00	400.00	KOP

Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on other Toxic Effects on Humans	Exposure can cause nausea, headache and vomiting. (Ethylene Glycol)

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are less toxic than the product itself.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Disposal	Follow local, state, and federal guidelines.

Section 14. Transport Information

Propper Shipping Name	Drums - Not Regulated Bulk (> 1000 gals.) - Regulated Environmentally hazardous substances, liquid, N.O.S. (Ethylene Glycol)
DOT Classification	DOT CLASS 9; Miscellaneous hazardous material.
DOT Identification Number	UN3082
Packing Group	III
Hazardous Substances Reportable Quantity (kg)	10001.7lbs. (4535.9 kg)
Special Provisions for Transport	No additional remark.

Section 15. Regulatory Information

Federal and State Regulations	The following product(s) is (are) listed on SARA 313: **Ethylene Glycol** The following product(s) is (are) listed by the State of Massachusetts: **Ethylene Glycol** The following product(s) is (are) listed on TSCA: **Ethylene Glycol**	
Other Classifications	WHMIS (Canada)	WHMIS CLASS D-2A: Material causing other toxic effects (VERY TOXIC).
	DSCL (EEC)	Not controlled under DSCL (Europe).

Continued on Next Page

Company:	Burlington Resources	**Date:**	2006/02/28	**Time:** 20:11:35	**Page:** 3
Field:	Rio Arriba, NM	**Co-ordinate(NE) Reference:**	Well: 27-5 UNIT 102P, Grid North		
Site:	SECTION 27-5	**Vertical (TVD) Reference:**	SITE 6965.0		
Well:	27-5 UNIT 102P	**Section (VS) Reference:**	Well (0.00N,0.00E,266.23Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5500.00	0.00	0.00	5236.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5600.00	0.00	0.00	5336.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5700.00	0.00	0.00	5436.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5747.31	0.00	0.00	5484.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5800.00	0.00	0.00	5536.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5875.31	0.00	0.00	5612.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5900.00	0.00	0.00	5636.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	5736.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6100.00	0.00	0.00	5836.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6200.00	0.00	0.00	5936.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6225.31	0.00	0.00	5962.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6300.00	0.00	0.00	6036.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6400.00	0.00	0.00	6136.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6500.00	0.00	0.00	6236.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6600.00	0.00	0.00	6336.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6700.00	0.00	0.00	6436.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6750.31	0.00	0.00	6487.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6800.00	0.00	0.00	6536.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
6900.00	0.00	0.00	6636.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7000.00	0.00	0.00	6736.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7100.00	0.00	0.00	6836.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7200.00	0.00	0.00	6936.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7300.00	0.00	0.00	7036.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7400.00	0.00	0.00	7136.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7400.31	0.00	0.00	7137.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7500.00	0.00	0.00	7236.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7600.00	0.00	0.00	7336.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7700.00	0.00	0.00	7436.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7800.00	0.00	0.00	7536.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
7900.00	0.00	0.00	7636.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8000.00	0.00	0.00	7736.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8100.00	0.00	0.00	7836.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8173.31	0.00	0.00	7910.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8200.00	0.00	0.00	7936.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8235.31	0.00	0.00	7972.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8267.31	0.00	0.00	8004.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8300.00	0.00	0.00	8036.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8383.31	0.00	0.00	8120.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8400.00	0.00	0.00	8136.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8423.31	0.00	0.00	8160.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8500.00	0.00	0.00	8236.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8509.31	0.00	0.00	8246.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
8539.31	0.00	0.00	8276.00	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec	<--- Longitude ---> Deg Min Sec
PBHL -Circle (Radius: 100) -Plan hit target			8276.00	-99.13	-1502.76	2032073.080	651628.330	36 35 0.816 N	107 19 0.804 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
350.00	350.00	9.625	12.250	9 5/8"
5177.31	4914.00	7.000	8.500	7"

Section 16. Other Information

HMIS (U.S.A.)

[redacted]	* 2
[redacted]	1
Reactivity	0
Personal Protection	B

National Fire Protection Association (U.S.A.)

Health

Fire Hazard

Reactivity

Specific hazard

References	Not available.
Other Special Considerations	No additional remark.

Validated by Joe Hudman on 03/16/2000.

Verified by Joe Hudman.

Printed 10/05/2000.

Transportation Emergency Call
CHEMTREC 800-424-9300
Other Information Call
Joe Hudman
713-477-6675

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unforeseen hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Company:	Burlington Resources	**Date:**	2006/02/28	**Time:** 20:11:35	**Page:** 2
Field:	Rio Arriba, NM	**Co-ordinate(NE) Reference:**	Well: 27-5 UNIT 102P, Grid North		
Site:	SECTION 27-5	**Vertical (TVD) Reference:**	SITE 6965.0		
Well:	27-5 UNIT 102P	**Section (VS) Reference:**	Well (0.00N,0.00E,266.23Azi)		
Wellpath:	OH	**Plan:**	Plan #1		

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1000.00	20.67	266.23	983.50	-8.00	-121.33	121.59	0.00	0.00	0.00	0.00
1100.00	20.67	266.23	1077.07	-10.33	-156.55	156.89	0.00	0.00	0.00	0.00
1200.00	20.67	266.23	1170.63	-12.65	-191.78	192.20	0.00	0.00	0.00	0.00
1300.00	20.67	266.23	1264.19	-14.97	-227.00	227.50	0.00	0.00	0.00	0.00
1400.00	20.67	266.23	1357.75	-17.30	-262.23	262.80	0.00	0.00	0.00	0.00
1500.00	20.67	266.23	1451.31	-19.62	-297.45	298.10	0.00	0.00	0.00	0.00
1600.00	20.67	266.23	1544.87	-21.95	-332.68	333.40	0.00	0.00	0.00	0.00
1700.00	20.67	266.23	1638.44	-24.27	-367.90	368.70	0.00	0.00	0.00	0.00
1800.00	20.67	266.23	1732.00	-26.59	-403.13	404.00	0.00	0.00	0.00	0.00
1900.00	20.67	266.23	1825.56	-28.92	-438.35	439.31	0.00	0.00	0.00	0.00
2000.00	20.67	266.23	1919.12	-31.24	-473.58	474.61	0.00	0.00	0.00	0.00
2100.00	20.67	266.23	2012.68	-33.56	-508.80	509.91	0.00	0.00	0.00	0.00
2200.00	20.67	266.23	2106.25	-35.89	-544.03	545.21	0.00	0.00	0.00	0.00
2300.00	20.67	266.23	2199.81	-38.21	-579.25	580.51	0.00	0.00	0.00	0.00
2400.00	20.67	266.23	2293.37	-40.53	-614.48	615.81	0.00	0.00	0.00	0.00
2500.00	20.67	266.23	2386.93	-42.86	-649.70	651.11	0.00	0.00	0.00	0.00
2600.00	20.67	266.23	2480.49	-45.18	-684.93	686.42	0.00	0.00	0.00	0.00
2700.00	20.67	266.23	2574.05	-47.51	-720.15	721.72	0.00	0.00	0.00	0.00
2800.00	20.67	266.23	2667.62	-49.83	-755.38	757.02	0.00	0.00	0.00	0.00
2900.00	20.67	266.23	2761.18	-52.15	-790.60	792.32	0.00	0.00	0.00	0.00
3000.00	20.67	266.23	2854.74	-54.48	-825.83	827.62	0.00	0.00	0.00	0.00
3100.00	20.67	266.23	2948.30	-56.80	-861.05	862.92	0.00	0.00	0.00	0.00
3200.00	20.67	266.23	3041.86	-59.12	-896.28	898.22	0.00	0.00	0.00	0.00
3300.00	20.67	266.23	3135.43	-61.45	-931.50	933.53	0.00	0.00	0.00	0.00
3372.22	20.67	266.23	3203.00	-63.12	-956.94	959.02	0.00	0.00	0.00	0.00
3400.00	20.67	266.23	3228.99	-63.77	-966.73	968.83	0.00	0.00	0.00	0.00
3500.00	20.67	266.23	3322.55	-66.09	-1001.95	1004.13	0.00	0.00	0.00	0.00
3534.68	20.67	266.23	3355.00	-66.90	-1014.17	1016.37	0.00	0.00	0.00	0.00
3600.00	20.67	266.23	3416.11	-68.42	-1037.18	1039.43	0.00	0.00	0.00	0.00
3700.00	20.67	266.23	3509.67	-70.74	-1072.40	1074.73	0.00	0.00	0.00	0.00
3800.00	20.67	266.23	3603.23	-73.06	-1107.63	1110.03	0.00	0.00	0.00	0.00
3837.16	20.67	266.23	3638.00	-73.93	-1120.71	1123.15	0.00	0.00	0.00	0.00
3900.00	20.67	266.23	3696.80	-75.39	-1142.85	1145.33	0.00	0.00	0.00	0.00
4000.00	20.67	266.23	3790.36	-77.71	-1178.08	1180.64	0.00	0.00	0.00	0.00
4056.26	20.67	266.23	3843.00	-79.02	-1197.89	1200.50	0.00	0.00	0.00	0.00
4100.00	20.67	266.23	3883.92	-80.04	-1213.30	1215.94	0.00	0.00	0.00	0.00
4200.00	20.67	266.23	3977.48	-82.36	-1248.52	1251.24	0.00	0.00	0.00	0.00
4227.27	20.67	266.23	4003.00	-82.99	-1258.13	1260.87	0.00	0.00	0.00	0.00
4300.00	20.67	266.23	4071.04	-84.68	-1283.75	1286.54	0.00	0.00	0.00	0.00
4400.00	20.67	266.23	4164.61	-87.01	-1318.97	1321.84	0.00	0.00	0.00	0.00
4472.03	20.67	266.23	4232.00	-88.68	-1344.35	1347.27	0.00	0.00	0.00	0.00
4500.00	20.67	266.23	4258.17	-89.33	-1354.20	1357.14	0.00	0.00	0.00	0.00
4600.00	20.67	266.23	4351.73	-91.65	-1389.42	1392.44	0.00	0.00	0.00	0.00
4660.51	20.67	266.23	4408.34	-93.06	-1410.74	1413.81	0.00	0.00	0.00	0.00

Section 4 : Start Drop -4.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
4700.00	19.09	266.23	4445.48	-93.94	-1424.14	1427.23	4.00	-4.00	0.00	180.00
4800.00	15.09	266.23	4541.04	-95.88	-1453.46	1456.62	4.00	-4.00	0.00	180.00
4900.00	11.09	266.23	4638.42	-97.37	-1476.06	1479.27	4.00	-4.00	0.00	180.00
5000.00	7.09	266.23	4737.15	-98.41	-1491.82	1495.07	4.00	-4.00	0.00	180.00
5027.03	6.01	266.23	4764.00	-98.61	-1494.90	1498.15	4.00	-4.00	0.00	-180.00
5100.00	3.09	266.23	4836.73	-98.99	-1500.68	1503.94	4.00	-4.00	0.00	180.00
5177.31	0.00	0.00	4914.00	-99.13	-1502.76	1506.03	4.00	-4.00	0.00	180.00

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	0.00	4936.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5300.00	0.00	0.00	5036.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00
5400.00	0.00	0.00	5136.69	-99.13	-1502.76	1506.03	0.00	0.00	0.00	0.00

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 31 Federal 3 #1A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 3; T 31N; R 9W San Juan County	Project #96052-640

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 8 cy soil and oil from around compressor from cleaning of location. RCRA metals testing completed 8/25/06 revealed the following levels: Arsenic 0.046 mg/Kg; Barium 8.84 mg/Kg; Cadmium 0.030 mg/Kg; Chromium 0.085 mg/Kg; Lead 0.159 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS and analyticals attached

Estimated Volume 8 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 09/13/06

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

Other Conditions Required: Yes _____ No X

Date: 03/04/06

09-14-06 07:52AM;

3/ 6

96052-6TU

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **San Juan 31 Federal 3 #1A** **API# 30-045-32419** **hCOP** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **S- 03 T- 31N R- 09W** **San Juan County, New Mexico** Street Address: _____
4. Source and Description of Waste **Oil and dirt from around compressor from cleaning of location. Approx. 8 cubic yards.**	
5. **WO 4117659**	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 9/13/06

The drilling should be accomplished in the fall of the year.

First seeding shall be done within six (6) months of completion of well pad and access road. Periodic checks will be made of the seeded area. If, within one year, no visible strands are observed, reseeding will be required. Contact will be made with the Ute Mountain Ute Agency, when the company is ready to begin reclamation activities.

Operator is responsible for controlling and eradicating noxious weeds at the well pad and surrounding area during the term of the lease. A list of noxious weeds is available from the Montezuma County Weed Control program at (970) 565-0580.

27. No fluids (i.e., diesel, motor oil, water, etc.) will be disposed of on the Ute Mountain Ute Reservation, except as otherwise specifically authorized.

28. Access roads and well pads will be maintained in accordance with generally acceptable standards for repair, orderliness, neatness, sanitation, and safety.

29. All personnel, vehicles, and equipment will be confined to the access roads and well pads.

30. Ample notification shall be given to the BIA, (970) 565-6094 when construction will hamper ingress and egress to Tribal lands.

31. All spills, fires, accidents or any other unusual occurrence shall be promptly reported to the BIA, Branch of Realty and Natural Resources at (970) 565-6094.

32. Construction, drilling, and production of the proposed gas well will be monitored by BLM, Tribal and/or BIA representatives.

33. Special stipulations will be issued whenever conditions warrant requirement outside the General Well Site Stipulations.

34. All Companies shall give the BIA, Branch of Realty and Natural Resources advance notice at least 48 hours before construction is to begin.

35. All **COMPANIES AND THEIR SUBCONTRACTOR** working/operating within the Ute Mountain Ute Reservation boundaries shall have a permit issued by the Tribal Energy Office.

36. All locations constructed but not drilled will be reclaimed and an additional payment of $5,000 to the Tribe will be made.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-264
Sample ID:	Compressor Skid	Date Reported:	08-25-06
Laboratory Number:	38286	Date Sampled:	08-23-06
Chain of Custody:	1373	Date Received:	08-24-06
Sample Matrix:	Soil	Date Analyzed:	08-25-06
Preservative:	N/A	Date Digested:	08-24-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.046	0.001	5.0
Barium	8.84	0.001	100
Cadmium	0.030	0.001	1.0
Chromium	0.085	0.001	5.0
Lead	0.159	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
Silver	ND	0.001	5.0

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: SJ 31 Fed 3 #1A

Analyst

Review

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15. Water, mud, and drilling fluids will not be transferred to other gas well locations or reserve pits without prior approval. Compliance checks will be made by BLM, Ute Mountain Ute Tribe and/or BIA personnel.

16. All topsoil will be stockpiled neatly for reclamation purposes. Topsoil will be tested for fertility prior to reclaiming the site to ensure it is capable of supporting a stand of native grasses and shrubs. Company will do the necessary fertilizing to certify it will support vegetation successfully. Successful support of vegetation shall be defined as the capability to support a plant community comparable to the surrounding lands which have not been disturbed by oil and gas activities.

17. Topsoil will not be piled against trees or deposited in natural drainages.

18. All fences and gates that are torn down or removed will be repaired or rebuilt within seven (7) days after the drilling rig leaves.

19. Culverts will be installed in areas where needed or required.

20. Culverts or cattle guards will not be removed unless authorized. All culverts or cattle guards shall be maintained at all times.

21. Trash pits will be wired in and trash disposed of at an approved landfill within seven (7) days after the gas well has been completed.

22. No trash shall be disposed of in the reserve pit.

23. Trash shall not be burned.

24. All materials, trash, junk, etc., not required for production shall be removed from the well site within (7) days after the completion rig leaves the location.

25. Misters on booie lines shall be used when drilling with air or gas. Operators shall be responsible for cleaning dust off of vegetation if required by BIA, Branch of Natural Resources (NRO). Contact NRO at (970) 565-4838 for authorization of cleaning procedures. Additional surface damage compensation and reclamation may be required.

26. Upon completion of the well pad and access road, disturbed areas will be recontoured and a rangeland drill will be used to drill the following mixture of seed:

    a. Western Wheat grass at seven (7) pounds of pure live seed per acre, and

    b. Blue Grama at three (3) pounds of pure live seed per acre, and

    c. Indian Rice grass at six (6) pounds of pure live seed per acre.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-25 TM QA/AC	Date Reported:	08-25-06
Laboratory Number:	28286	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-25-06
Condition:	N/A	Date Digested:	08-24-06

Blank & Duplicate	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample Conc. (mg/Kg)	Duplicate Conc. (mg/Kg)	RPD Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.046	0.048	4.3%	0% - 30%
Barium	ND	ND	0.001	8.84	8.83	0.1%	0% - 30%
Cadmium	ND	ND	0.001	0.030	0.031	3.3%	0% - 30%
Chromium	ND	ND	0.001	0.085	0.087	2.4%	0% - 30%
Lead	ND	ND	0.001	0.159	0.164	3.1%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample Conc.	Spiked Sample Result	Percent Recovery	Acceptance Range
Arsenic	0.500	0.046	0.545	99.8%	80% - 120%
Barium	0.500	8.84	9.33	99.9%	80% - 120%
Cadmium	0.500	0.030	0.529	99.8%	80% - 120%
Chromium	0.500	0.085	0.584	99.8%	80% - 120%
Lead	0.500	0.159	0.656	99.5%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38286**

Analyst

Review

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c. All sound woody material, including deadwood, from pinyon pine, juniper, and gamble oak which is at least three (3) inches in diameter and two (2) feet in length will be salvaged during clearing activities.

d. All mature trees suitable for posts shall be cut into seven (7) foot lengths, and all other salvaged forest products will be cut into two (2) foot lengths, limbed and hauled to the Tribal woodlot located west of the Gym in Towaoc, Monday through Friday, between the hours of 8:00 A.M. and 4:30 P.M., except on holidays. All wood shall be hauled prior to the arrival of the drilling rig. Company and project name shall be given to woodlot personnel at the time of delivery. BIA, Branch of Natural Resources (970) 565-4838 shall be notified when forest products are to be hauled to Towaoc so arrangements can be made.

e. Debris (slash) from forest products, which includes brush, limbs, and wood products which do not meet the minimum size, will be chipped with a wood chipper and scattered around the location within seven (7) days after completion of construction. Stumps shall be stockpiled and disposed of in the reserve pit when it is being reclaimed.

8. The reserve and water pits will be lined with sufficient reinforced liner to prevent leakage.

9. The reserve and water pits shall be fenced on three sides prior to the arrival of the drilling rig. The fourth side will be fenced immediately after the rig leaves the location. This fence shall be maintained until the pits are reclaimed.

10. The reserve pits will be allowed fifteen (15) months for evaporation. The 15 month period shall begin on the spud date. Any fluids remaining after 15 months shall be disposed of in a manner consistent with Federal Regulations. The pits will then be filled with dirt material, leveled, and reclaimed.

11. Reserve pits with torn liners shall immediately be reclaimed.

12. Neither burn pits nor blow pits shall be used for storage or disposal of fluids.

13. The reserve pit shall have a minimum of four (4) feet of freeboard at all times. Freeboard shall be measured from the top of the pit liner to the surface of the water in the reserve pit.

14. If a well is abandoned or suspended, all pits must be immediately fenced until they are backfilled. No pits shall be left open for longer than fifteen (15) months.

CHAIN OF CUSTODY RECORD

1373

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	SJ 31 Fed 3 #1A	
Sampler: Mike Morris	Client No. 96052-026-264	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	PCRA 8						Remarks
Compressor skid	8/23/06	1510	38286	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/24/06	900	Christine Walters	8/24/06	906
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Ed Hasley / Apex

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			✓

Bureau of Indian Affairs
Ute Mountain Ute Agency
General Well Site Stipulations

COMPANY: XTO Energy Inc. Date: 04/03/06

WELL NAME: Ute Indians B Number 1

LOCATION: T.32N., R14W., Section 13

1. A preliminary on-site review of well pads and access roads by Tribal, BIA, BLM, and archaeological representatives is required.

2. All surface disturbances shall be confined to the 13 point surface use plan submitted with the Application for Permit to Drill. All land-altering activity outside the surface use plan will require permission by the Bureau of Indian Affairs.

3. **All activity shall be confined to the areas surveyed for cultural resources. If subterranean cultural resources are encountered, all land-altering activities shall be halted and the following shall be notified immediately:**

   BIA Ute Mountain Ute Agency (970) 565-6094
   BIA Area Archaeologist (505) 563-3407

4. The well pad shall be properly identified with a readable sign, which shall include:

   Company Name: XTO Energy, Inc.
   Well Name: Ute Indians B Number 1
   Legal Description: T.32N., R14, Section 13
   Lease Number: 751-01-1018

5. Construction of the gas well pad and/or access road shall come to a halt during inclement weather to prevent soil damage or destruction.

6. No hillside cuts shall be constructed steeper than a 2:1 slope.

7. a. The cleared area is to be kept to the minimum necessary for drilling operations.

   b. Chainsaws shall be used to cut trees. Bulldozers or other heavy equipment shall not be used to clear areas.

P.01

TRANSACTION REPORT

SEP-14-2006 THU 08:53 AM

FOR:

RECEIVE

DATE START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
SEP-14 08:51 AM		1'21"	6	RECEIVE	OK		

67+35	Cult site	Protective fencing and avoid			
65+15 to 70+71	Ephemeral wash to So	Silt fence, or other effective soil retention device to keep fill out of drainage.			X
73+42.48	LWC/culv	As needed	X	X	
74+85.02	Pad	Move 35' north. Use steel self contained Reserve Pit with berms to retain 110%. Erosion controls as fabric on cut/fill slopes. Excelsior logs at base and top of cut/ fill slopes. Trench uphill side of cut slopes and divert to grade for stormwater.			

:\winnt\profiles\dswanson\personal\EA_Mitigations.wpd

ENVIROTECH INC.

FAX COVER SHEET

"PRACTICAL SOLUTIONS FOR A BETTER TOMORROW"

TO: Brad Jones TITLE: Dirty dirt guru

COMPANY: NMOCD

FAX: 505-476-3462 PHONE:

RE: Verbal approval request

DATE: 9/14/06

PAGES: 6 (INCLUDING COVER PAGE)

PROJECT:

CC:

COMMENTS:

Please call me at 632-0615
with approval

Thanks!

FROM THE DESK OF: April

Envirotech, Inc.
5796 US Highway 64, Farmington, NM 87401
Phone: (505) 632-0615 / Fax: (505) 632-1865

this information is intended for the individual above and is confidential. if you have received this facsimile in erros, please call the number listed above.

shall include that all equipment and trash be removed, slash piles chipped and scattered, pits and boreholes shall be filled, access road and pad surface re-contoured to blend with surrounding terrain as closely as possible approximating original landscape, top soil evenly redistributed, soil prepared, weed control exercised, and soil reseeded with a BIA approved seed mix which shall be monitored for growth. **The Bureau of Land Management, SJPLC (970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA (970.565-6094) shall be contacted prior to surface reclamation procedures for specific requirements and seed mixtures**.

Approx Sta.	Feature	Actions reqd	CWA #404 NWP #12	CWA #404 NWP #14	CWA #404 NWP#18
40+00	20' LWC	Excavate 1-m. Armor with min 4" pit run cobbles, 100' armored approaches	X	X	
43+50	10' LWC	Rip-rap rock	X	X	
45+00	LWC	Rip-rap rock	X	X	
48+00	LWC	Rip-rap rock	X	X	
50+00	LWC	Rip-rap rock	X	X	
51+00	LWC	Rip-rap rock	X	X	
51+75 to 55+59		Round corner from 2 -track			
57+67.10	LWC	Rip-rap rock	X	X	
57+67.10 to 60+00	Culvert	R1 should hug east side of 2-track rd to avoid site 20' west			
60+00	LWC	Rip-rap rock	X	X	
60+00 to 61+44	Culvert	Move rd to west toe of fill of 2 track. Fence and avoid site			
61+44 to 62+43	Culvert	Avoid site on low roadway fill side of turning on approach fill			X
63+00	LWC	Rip-rap rock	X	X	
63+29	Culvert	Move rd to west toe of fill of 2 track. Fence and avoid site			
63+29	LWC	Rip-rap rock			
64+49.86	Culvert	Adequate (Min 24" dia x 40' long) culvert to allow sweeping curve in rd. Adequately rip rap or conc. headwall to armor entrance and spillway of culv. at grade.	X	X	X

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator: Halliburton Energy Services
	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS, and TCLP dated 10/7/04 attached.

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

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: March 28, 2006

TYPE OR PRINT NAME: Morris Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: 4-6-06

APPROVED BY: _____ TITLE: _____ DATE: _____

APPENDIX G

EMPLOYEE SIGNOFF SHEET

I have read the To XTO Energy, Inc. ***Emergency Response Plan/Public Protection Plan*** and understand its contents. I understand my personal responsibilities under this policy and will make use of this information to contribute to safety of the public and for my own personal safety while an employee of XTO Energy, Inc.

Signed Date

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service 4109 E. Main Street Farmington, New Mexico 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico

3. Originating Site (name): Location of the Waste (Street address &/or ULSTR):

Halliburton, 4109 E. Main, Farmington

attach list of originating sites as appropriate

4. Source and Description of Waste

Washbay grit from 2 bays that have been dried in a drying bed.

I, Merle D. Krause III representative for :
Print Name

Halliburton Energy Service do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ EXEMPT oilfield waste

X NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non - hazardous waste defined above.

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

___ MSDS Information
___ Other (description
X RCRA Hazardous Waste Analysis
___ Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____

Title: Material Control Supervisor

Phone Number: (505) 324-3551

Date: March 28, 2006

REACTIVE: No
SUDDEN RELEASE: Yes

SARA TITLE III SECTION 313 (40 CFR 372.65):
HYDROGEN SULFIDE: Administrative stay issued Aug. 22, 1994

OSHA PROCESS SAFETY (29CFR1910.119):
HYDROGEN SULFIDE: 1500 LBS TQ

STATE REGULATIONS:
California Proposition 65: Not regulated.

CANADIAN REGULATIONS:
WHMIS CLASSIFICATION: A, B1, D1A, D2B.

NATIONAL INVENTORY STATUS:
U.S. INVENTORY (TSCA): Listed on inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

CANADA INVENTORY (DSL/NDSL): Listed on inventory.

SECTION 16 OTHER INFORMATION

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ENVIROTECH INC.

Bill of Lading

MANIFEST # 23707

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3-28-06 JOB # 92132-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	HALLIBURTON SLUG PIT HALLIBURTON	L.F #2	cont dirt	B-13	20		ENVIROTECH	560	10:00 A	mike Hoyt
2	SLUGG PIT	L.F #2	cont dirt	B-13	20		ENVIROTECH	560	4:00 PM	mike Hoyt
					L/D				6 HRS	
									7032	
								ENTERED	MAR 2 3 2006	

RECEIVED MAR 2 0 2006

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE Hoyt COMPANY ENVIROTECH SIGNATURE mike Hoyt

(mcy) DATE 3-28-06

san juan reproduction 578-126

ECOTOXICITY DATA:
FISH TOXICITY: 14.9 ug/L 96 hour(s) LC50 (Mortality) Fathead minnow (Pimephales promelas)

INVERTEBRATE TOXICITY: 9730 ug/L 1.5 hour(s) (Mortality) Mediterranean mussel (Mytilus galloprovincialis)

ENVIRONMENTAL SUMMARY: Highly toxic to aquatic life.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste Number(s): U135.

SECTION 14 TRANSPORT INFORMATION

U.S. DOT 49 CFR 172.101:
PROPER SHIPPING NAME: Hydrogen sulfide
ID NUMBER: UN1053
HAZARD CLASS OR DIVISION: 2.3
LABELING REQUIREMENTS: 2.3; 2.1
QUANTITY LIMITATIONS:
PASSENGER AIRCRAFT OR RAILCAR: Forbidden
CARGO AIRCRAFT ONLY: Forbidden
ADDITIONAL SHIPPING DESCRIPTION: Toxic-Inhalation Hazard Zone B

CANADIAN TRANSPORTATION OF DANGEROUS GOODS:
SHIPPING NAME: Hydrogen sulphide
UN NUMBER: UN1053
CLASS: 2.3; 2.1

SECTION 15 REGULATORY INFORMATION

U.S. REGULATIONS:
CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):
HYDROGEN SULFIDE: 100 LBS RQ

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):
HYDROGEN SULFIDE: 500 LBS TPQ

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):
HYDROGEN SULFIDE: 100 LBS RQ

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):
ACUTE: Yes
CHRONIC: No
FIRE: Yes

ENVIROTECH INC.

Bill of Lading

MANIFEST # 24560

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 3/28/06 JOB # 92132-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Soap	LFZ	Contaminated dirt	A-16	20		Envirotech	546	12:30	
					20					
										7032

RECEIVED
APR 03 2006
ENVIRONMENTAL DIV.

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Lin Schwartz COMPANY Envirotech SIGNATURE

DATE 3/28/06

san juan reproduction 578-126

VAPOR DENSITY (air=1): 1.2
SPECIFIC GRAVITY (water=1): 1.192
DENSITY: 1.539 g/L @ 0 C
WATER SOLUBILITY: 2.58-2.9% @ 20 C
PH: 4.5-
VOLATILITY: Not applicable
ODOR THRESHOLD: 0.13 ppm
EVAPORATION RATE: Not applicable
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not applicable
SOLVENT SOLUBILITY:
Soluble: carbon disulfide, alcohol, ether, glycerol, gasolines, kerosene, crude oil, alkali solutions

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition. Minimize contact with material. Avoid inhalation of material or combustion by-products. Keep out of water supplies and sewers.

INCOMPATIBILITIES: combustible materials, metals, oxidizing materials, halogens, metal oxides, metal salts, bases

HAZARDOUS DECOMPOSITION:
Thermal decomposition products: oxides of sulfur

POLYMERIZATION: Will not polymerize.

SECTION 11 TOXICOLOGICAL INFORMATION

HYDROGEN SULFIDE:
TOXICITY DATA:
444 ppm inhalation-rat LC50
LOCAL EFFECTS:
Irritant: inhalation, skin, eye
ACUTE TOXICITY LEVEL:
Toxic: inhalation
TARGET ORGANS: blood
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: eye disorders, respiratory disorders, nervous system disorders
REPRODUCTIVE EFFECTS DATA: Available.
ADDITIONAL DATA: Alcohol may enhance the toxic effects.

SECTION 12 ECOLOGICAL INFORMATION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

EXPOSURE LIMITS:
HYDROGEN SULFIDE:
20 ppm OSHA ceiling
50 ppm OSHA peak 10 minute(s) (once if no other measurable exposure occurs)
10 ppm (14 mg/m3) OSHA TWA (vacated by 58 FR 35338, June 30, 1993)
15 ppm (21 mg/m3) OSHA STEL (vacated by 58 FR 35338, June 30, 1993)
10 ppm ACGIH TWA
15 ppm ACGIH STEL
10 ppm (15 mg/m3) NIOSH recommended ceiling 10 minute(s)

VENTILATION: Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

EYE PROTECTION: Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

CLOTHING: Wear appropriate chemical resistant clothing.

GLOVES: Wear appropriate chemical resistant gloves.

PROTECTIVE MATERIAL TYPES: butyl rubber, polyvinyl chloride (PVC), neoprene

RESPIRATOR: The following respirators and maximum use concentrations are drawn from NIOSH and/or OSHA.
100 ppm
Any powered, air-purifying respirator with cartridge(s) providing protection against this substance.
Any air-purifying respirator with a full facepiece and a canister providing protection against this substance.
Any supplied-air respirator.
Any self-contained breathing apparatus with a full facepiece.
Escape -
Any air-purifying respirator with a full facepiece and a canister providing protection against this substance.
Any appropriate escape-type, self-contained breathing apparatus.
For Unknown Concentrations or Immediately Dangerous to Life or Health -
Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.
Any self-contained breathing apparatus with a full facepiece.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: gas
COLOR: colorless
ODOR: rotten egg odor
MOLECULAR WEIGHT: 34.08
MOLECULAR FORMULA: H2-S
BOILING POINT: -78 to -77 F (-61 to -60.3 C)
FREEZING POINT: -123 F (-86 C)
VAPOR PRESSURE: 15200 mmHg @ 25 C

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-12-04
Laboratory Number:	10-11-TCV	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-11-04
Condition:	N/A	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria

Parameter	Percent Recovery
Fluorobenzene	100%
1,4-difluorobenzene	100%
4-bromochlorobenzene	100%

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 sample 30895.

Analyst

Review

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

to extinguish fire unless flow of material can be stopped first. Flood with fine water spray. Do not scatter spilled material with high-pressure water streams. Cool containers with water. Apply water from a protected location or from a safe distance. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas. Stop flow of gas.

LOWER FLAMMABLE LIMIT: 4.0-4.3%
UPPER FLAMMABLE LIMIT: 44-46%
AUTOIGNITION: 500 F (260 C)

SECTION 6 ACCIDENTAL RELEASE MEASURES

AIR RELEASE:
Reduce vapors with water spray. Collect runoff for disposal as potential hazardous waste.

SOIL RELEASE:
Dike for later disposal. Absorb with sand or other non-combustible material. Add an alkaline material (lime, crushed limestone, sodium bicarbonate, or soda ash).

WATER RELEASE:
Add an alkaline material (lime, crushed limestone, sodium bicarbonate, or soda ash).

OCCUPATIONAL RELEASE:
Do not touch spilled material. Stop leak if possible without personal risk. Avoid heat, flames, sparks and other sources of ignition. Remove sources of ignition. Reduce vapors with water spray. Do not get water directly on material. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind and keep out of low areas. Ventilate closed spaces before entering. Evacuation radius: 150 feet. For tank, rail car or tank truck: 800 meters (1/2 mile). Notify Local Emergency Planning Committee and State Emergency Response Commission for release greater than or equal to RQ (U.S. SARA Section 304). If release occurs in the U.S. and is reportable under CERCLA Section 103, notify the National Response Center at (800)424-8802 (USA) or (202)426-2675 (USA).

SECTION 7 HANDLING AND STORAGE

STORAGE: Store and handle in accordance with all current regulations and standards. Protect from physical damage. Store outside or in a detached building. Store in a cool, dry place. Store in a well-ventilated area. Avoid contact with light. Grounding and bonding required. Subject to storage regulations: U.S. OSHA 29 CFR 1910.101. Notify State Emergency Response Commission for storage or use at amounts greater than or equal to the TPQ (U.S. EPA SARA Section 302). SARA Section 303 requires facilities storing a material with a TPQ to participate in local emergency response planning (U.S. EPA 40 CFR 355.30). Keep separated from incompatible substances.

HANDLING: Subject to handling regulations: U.S. OSHA 29 CFR 1910.119.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-12-04
Laboratory Number:	10-08-TCV	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-11-04
Condition:	N/A	Date Extracted:	10-08-04
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria

Parameter	Percent Recovery
Fluorobenzene	99%
1,4-difluorobenzene	98%
4-bromochlorobenzene	98%

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 sample 30895.

Analyst

Review

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suffocation, lung congestion, internal bleeding, heart damage, nerve damage, brain damage, coma, death
LONG TERM EXPOSURE: allergic reactions, nausea, vomiting, loss of appetite, weight loss, irregular heartbeat, headache, sleep disturbances, emotional disturbances, lung congestion, nerve damage
SKIN CONTACT:
SHORT TERM EXPOSURE: irritation
LONG TERM EXPOSURE: skin disorders
EYE CONTACT:
SHORT TERM EXPOSURE: irritation, sensitivity to light, visual disturbances
LONG TERM EXPOSURE: irritation, sensitivity to light, eye damage
INGESTION:
SHORT TERM EXPOSURE: ingestion of harmful amounts is unlikely
LONG TERM EXPOSURE: ingestion of harmful amounts is unlikely

SECTION 4 FIRST AID MEASURES

INHALATION: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.

SKIN CONTACT: Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

INGESTION: If a large amount is swallowed, get medical attention.

ANTIDOTE: amyl nitrite, inhalation; sodium nitrite, intravenous; pyridoxine, intravenous; urea, intravenous. CAUTION! Get medical attention immediately.

NOTE TO PHYSICIAN: For inhalation, consider oxygen.

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Severe fire hazard. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Pressurized containers may rupture or explode if exposed to sufficient heat. Electrostatic discharges may be generated by flow or agitation resulting in ignition or explosion.

EXTINGUISHING MEDIA: Let burn unless leak can be stopped immediately. Large fires: Use regular foam or flood with fine water spray.

FIRE FIGHTING: Move container from fire area if it can be done without risk. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Cool containers with water spray until well after the fire is out. Keep unnecessary people away, isolate hazard area and deny entry. For tank, rail car or tank truck, evacuation radius: Evacuation radius: 800 meters (1/2 mile). Do not attempt

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:	Matrix Duplicate	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-11-04
Condition:	N/A	Date Extracted:	10-08-04

Parameter	Sample Result (mg/L)	Duplicate Sample Result (mg/L)	Detection Limits (mg/L)	Percent Difference
Vinyl Chloride	ND	ND	0.0001	0.0%
1,1-Dichloroethene	ND	ND	0.0001	0.0%
2-Butanone (MEK)	0.0037	0.0037	0.0001	0.0%
Chloroform	ND	ND	0.0001	0.0%
Carbon Tetrachloride	ND	ND	0.0001	0.0%
Benzene	0.0012	0.0012	0.0001	0.0%
1,2-Dichloroethane	ND	ND	0.0001	0.0%
Trichloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	ND	ND	0.0005	0.0%
Chlorobenzene	ND	ND	0.0003	0.0%
1,4-Dichlorobenzene	ND	ND	0.0002	0.0%

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample 30895.

Analyst

Review

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MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATHESON TRI-GAS, INC.
959 ROUTE 46 EAST
PARSIPPANY, NEW JERSEY 07054-0624

EMERGENCY CONTACT:
CHEMTREC 1-800-424-9300
INFORMATION CONTACT:
973-257-1100

SUBSTANCE: HYDROGEN SULFIDE

TRADE NAMES/SYNONYMS:
MTG MSDS 54; HYDROGEN SULFIDE (H2S); DIHYDROGEN MONOSULFIDE; DIHYDROGEN SULFIDE; HYDROSULFURIC ACID; SULFUR DIHYDRIDE; SULFURETED HYDROGEN; SULFUR HYDRIDE; STINK DAMP; SEWER GAS; RCRA U135; UN 1053; H2S; MAT11210; RTECS MX1225000

CHEMICAL FAMILY: inorganic, gas

CREATION DATE: Jan 24 1989
REVISION DATE: Mar 19 2003

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: HYDROGEN SULFIDE
CAS NUMBER: 7783-06-4
PERCENTAGE: 100.0

SECTION 3 HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-4): HEALTH=4 FIRE=4 REACTIVITY=0

EMERGENCY OVERVIEW:
COLOR: colorless
PHYSICAL FORM: gas
ODOR: rotten egg odor
MAJOR HEALTH HAZARDS: harmful if inhaled, respiratory tract irritation, skin irritation, eye irritation, blood damage
PHYSICAL HAZARDS: Flammable gas. May cause flash fire. Flash back hazard. Electrostatic charges may be generated by flow, agitation, etc.

POTENTIAL HEALTH EFFECTS:
INHALATION:
SHORT TERM EXPOSURE: irritation, lack of sense of smell, sensitivity to light, nausea, vomiting, difficulty breathing, headache, drowsiness, dizziness, disorientation, tremors, visual disturbances,

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Spike	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	10-11-04
Condition:	N/A	Date Extracted:	10-08-04

Parameter	Sample Result (mg/L)	Spike Added (mg/L)	Spiked Sample Result (mg/L)	Det. Limit (mg/L)	Percent Recovery	SW-846 % Rec. Accept. Range
Vinyl Chloride	ND	0.050	0.0499	0.0001	99.8%	28-163
1,1-Dichloroethene	ND	0.050	0.0498	0.0001	99.6%	43-143
2-Butanone (MEK)	0.0037	0.050	0.0535	0.0001	99.6%	47-132
Chloroform	ND	0.050	0.0499	0.0001	99.7%	49-133
Carbon Tetrachloride	ND	0.050	0.0499	0.0001	99.8%	43-143
Benzene	0.0012	0.050	0.0510	0.0001	99.6%	39-150
1,2-Dichloroethane	ND	0.050	0.0498	0.0001	99.6%	51-147
Trichloroethene	ND	0.050	0.0497	0.0003	99.4%	35-146
Tetrachloroethene	ND	0.050	0.0498	0.0005	99.6%	26-162
Chlorobenzene	ND	0.050	0.0499	0.0003	99.8%	38-150
1,4-Dichlorobenzene	ND	0.050	0.0497	0.0002	99.4%	42-143

ND - Parameter not detected at the stated detection limit.

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

Comments: QA/QC for sample 30895.

Analyst

Review

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APPENDIX F
HYDROGEN SULFIDE MSDS

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

EPA METHOD 8040
PHENOLS
Quality Assurance Report
Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-12-04
Laboratory Number:	10-12-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-12-04
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results

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	98 %
	2,4,6-tribromophenol	99 %

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. 1986.

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

Comments: QA/QC for sample 30895.

Analyst

Review

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FROM:JE MERIT CONSTRUCTORS. INC. 564-1795 (TUE) JAN 11 2005 14:01/ST. 14:01/No. 6806917492 P 2

Hydrogen Sulfide Radius of Exposure

Pasquill-Gifford Equation*

Texas Railroad Commission Rule 36, 16 TAC 3.36

= Data Entry Cells

Mole Fraction of Hydrogen Sulfide in the Gaseous Mixture available for escape = [ ] Mol. Frac. Hydrogen Sulfide

Maximum Volume Available for Escape in Ft^3/Day (Cubic Feet Per Day) = [ ] Ft^3/Day Maximum Rate

100 PPM Radius of Exposure

Radius of Exposure in Feet = **155 Feet**

500 PPM Radius of Exposure

Radius of Exposure in Feet = **71 Feet**

100 PPM Radius of Exposure in Feet = $[(1.589)(H_2S\ Mol\%)(Gas\ Rate\ Ft^3/Day)]^{0.6258}$

500 PPM Radius of Exposure in Feet = $[(0.4546)(H_2S\ Mol\%)(Gas\ Rate\ Ft^3/Day)]^{0.6258}$

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-12-04
Laboratory Number:	10-08-TCA	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	10-08-04
Condition:	Cool & Intact	Date Analyzed:	10-12-04
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%

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. 1986.

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

Comments: QA/QC for sample 30895.

Analyst

Review

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APPENDIX E
H2S RADIUS OF EXPOSURE MAP

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

EPA METHOD 8040
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	10-08-04
Condition:	Cool & Intact	Date Analyzed:	10-12-04
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria:	Parameter	Maximum Difference
	8040 Compounds	30.0%

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

Method 3510, 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. 1986.

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

Comments: QA/QC for sample 30895.

Analyst

Review

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APPENDIX D
H2S RADIUS OF EXPOSURE

100 ppm @ 155'

500 ppm @ 71'

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	10-12-04
Laboratory Number:	10-12-TBN	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	10-08-04
Condition:	N/A	Date Analyzed:	10-12-04
		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	95%

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: QA/QC for sample 30895.

Analyst

Review

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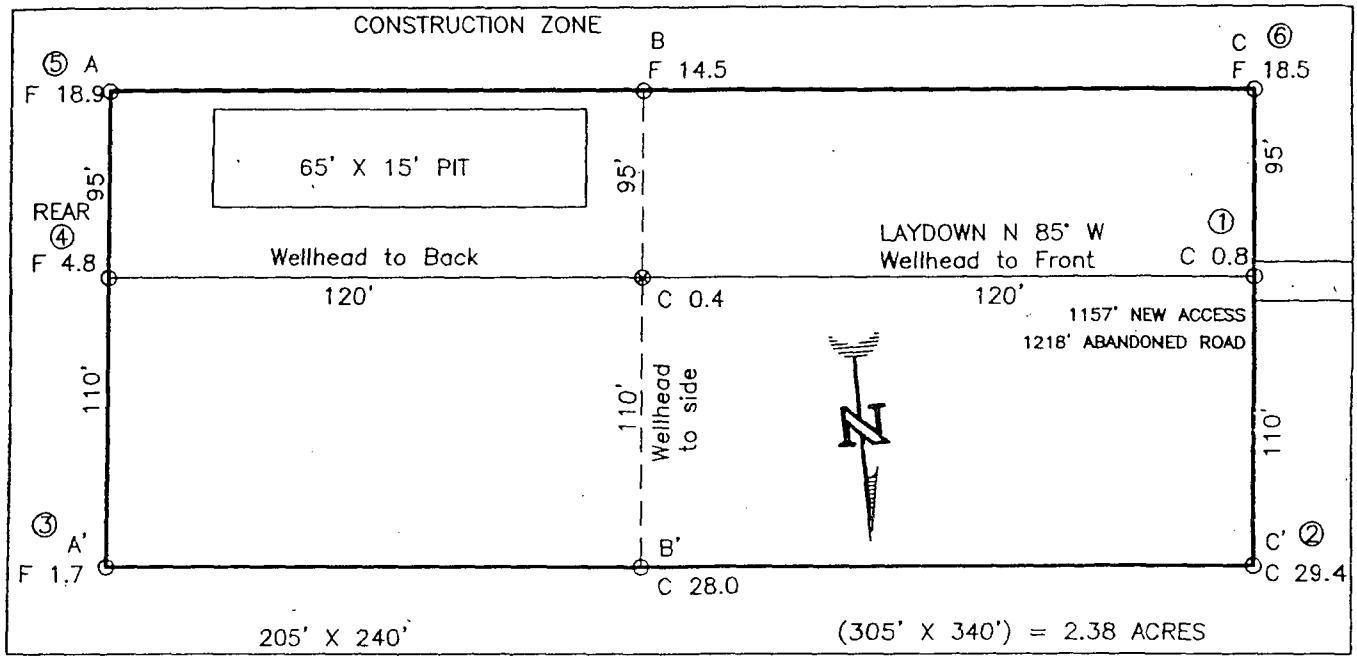
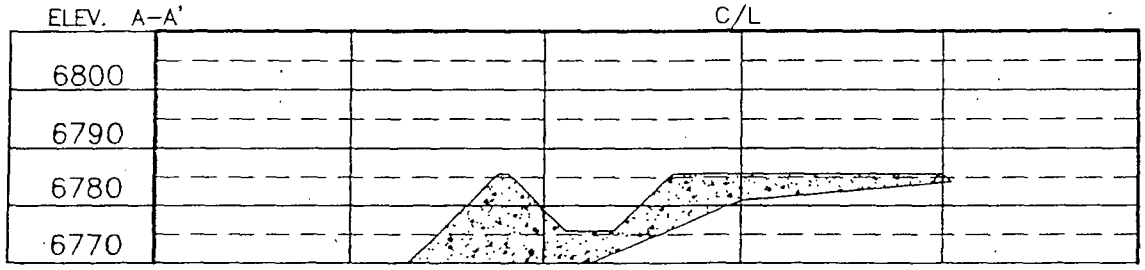
XTO ENERGY INC.
UTE INDIANS B No. 1, 825 FNL 880 FWL
SECTION 13, T32N, R14W, N.M.P.M., SAN JUAN COUNTY, N. M.
GROUND ELEVATION: 6786', DATE: APRIL 28, 2004

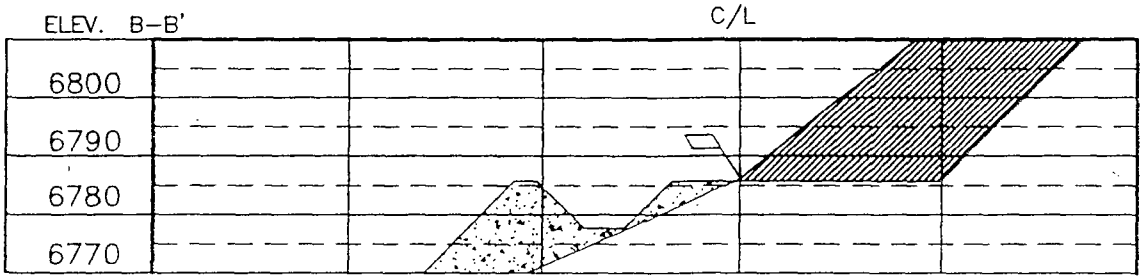
LAT. = 36°59'35" N.
LONG. = 108°15'56" W
NAD 27

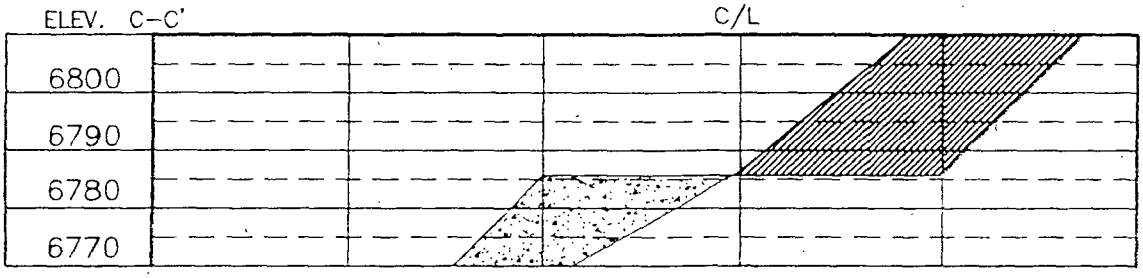


RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW – 3' WIDE AND 1' ABOVE SHALLOW SIDE).
BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

NOTE: DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO EXCAVATION OR CONSTRUCTION.







NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

REVISED BY:
DATE:
REVISION:

Daggett Enterprises, Inc.
Surveying and Oil Field Services
P. O. Box 15068 • Farmington, NM 87401
Phone (505) 326-1772 • Fax (505) 326-6019
NEW MEXICO L.S. No. 14831

DRAWN BY: B.L.
DATE: 10/14/04
SCALE: CR251CF8
ROW #: CR251

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	10-12-04
Laboratory Number:	10-08-TBN	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	10-08-04
Condition:	Cool and Intact	Date Analyzed:	10-12-04
		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	94%

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: QA/QC for sample 30895.

Analyst

Review

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APPENDIX D
H2S RADIUS OF EXPOSURE

325

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Extracted:	10-08-04
Condition:	N/A	Date Analyzed:	10-12-04
		Analysis Requested:	TCLP

Parameter	Sample Result (mg/L)	Duplicate Result (mg/L)	Percent Difference	Det. Limit (mg/L)
Pyridine	ND	ND	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
HexachloroBenzene	ND	ND	0.0%	0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Maximum Difference
	8090 Compounds	30%

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 1992.
Method 8090, 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: QA/QC for sample 30895.

Analyst

Review

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APPENDIX C
EMERGENCY CONTACT LIST

EPA 24-Hour Spill Notification Number	303-293-1788
Department of Transportation National Response Center	800-424-8802
Medical Personnel:	
Ambulance	**911**
Hospital	505-325-5011
Life Flight	800-452-9990
Firefighting & Public Safety Personnel:	
Fire Department	505-326-3505
Police Department	505-334-6622
County Sheriff	505-334-6622
State Patrol	505-325-7547
Government Agencies:	
County Health Department	505-334-9481
BLM Office	505-599-8900
Rig Personnel:	
Gary Markestad, Operations Superintendent	505-324-1090
Dennis Elrod, Company Man	505-324-1090
Jeff Patton, Drilling Superintendent	505-324-1090
Dale Brady, Tool Pusher	505-327-5218
Service Companies:	
Pump Trucks: TBA	
Dirt Contactor: TBA	
H2S Safety Company: Jacobs Engineering	970-564-1103
Al Lara, Safety Supervisor	970-564-1103

Emergency calls should dial **911**.

Note: If 911 is unavailable, call the applicable County Sheriff Dispatch number.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER ENVIRONMENT

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	10-11-TCM QA/QC	Date Reported:	10-11-04
Laboratory Number:	30884	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	10-11-04
Condition:	N/A	Date Extracted:	10-08-04

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%
Barium	ND	ND	0.001	0.061	0.060	1.6%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%
Lead	ND	ND	0.001	0.003	0.003	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.002	0.501	99.8%	80% - 120%
Barium	0.500	0.061	0.560	99.8%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	80% - 120%
Chromium	0.500	0.002	0.502	100.0%	80% - 120%
Lead	0.500	0.003	0.502	99.8%	80% - 120%
Mercury	0.050	ND	0.050	100.0%	80% - 120%
Selenium	0.500	0.001	0.500	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: QA/QC for samples 30884, 30895.

Analyst

Review

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DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
1301 W. Grand Ave., Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease – 4 Copies
Fee Lease – 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name	
[4] Property Code	[5] Property Name		[6] Well Number
	UTE INDIANS B		1
[7] OGRID No.	[8] Operator Name		[9] Elevation
	XTO ENERGY INC.		6786'

[10] Surface Location

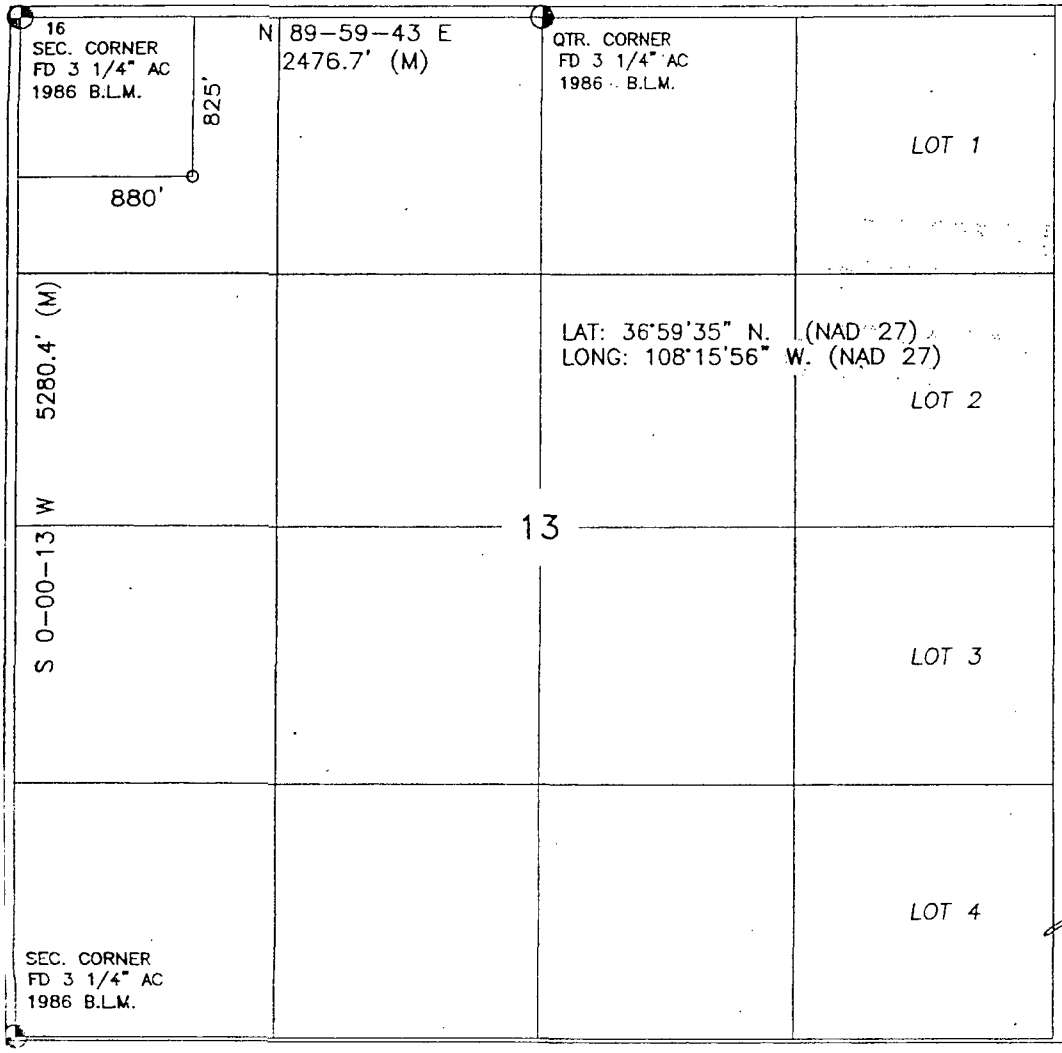
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	13	32-N	14-W		825	NORTH	880	WEST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



[17] OPERATOR CERTIFICATION

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

Signature

Printed Name

Title

Date

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: APRIL 8, 2004

Signature and Seal of Professional Surveyor:

JOHN A. VUKONICH
NEW MEXICO
14831
REGISTERED PROFESSIONAL SURVEYOR
4-18-04

Certificate Number

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Halliberton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-11-04
Lab ID#:	30895	Date Sampled:	10-07-04
Sample Matrix:	Soil	Date Received:	10-07-04
Preservative:	Cool	Date Analyzed:	10-08-04
Condition:	Cool and Intact	Chain of Custody:	13081

Parameter	Result	
IGNITABILITY:	Negative	
CORROSIVITY:	Negative	pH = 7.11
REACTIVITY:	Negative	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Wash Bay, Halliburton Yard.**

Christine M Walters
Analyst

Review

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APPENDIX B
LOCATION LAYOUT

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extraction	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-11-04
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limits (mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	0.0037	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0012	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
Chlorobenzene	ND	0.0003	100
1,4-Dichlorobenzene	ND	0.0002	7.5

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	100%
	1,4-difluorobenzene	100%
	4-bromochlorobenzene	100%

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.

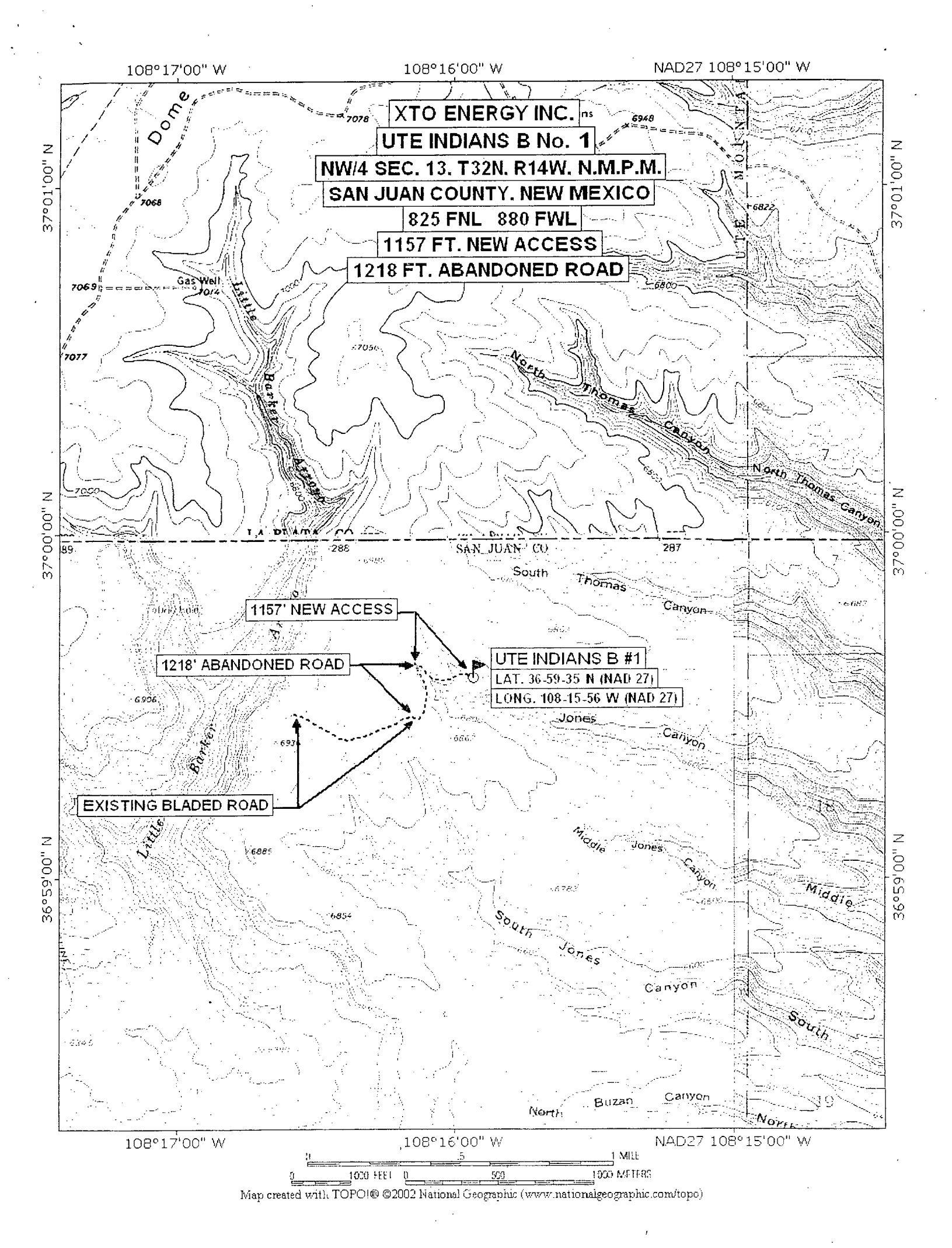
Note: Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.

Comments: **Wash Bay, Halliburton Yard.**

Analyst

Review

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


XTO ENERGY INC.
UTE INDIANS B No. 1
NW/4 SEC. 13. T32N. R14W. N.M.P.M.
SAN JUAN COUNTY. NEW MEXICO
825 FNL 880 FWL
1157 FT. NEW ACCESS
1218 FT. ABANDONED ROAD
1157' NEW ACCESS
1218' ABANDONED ROAD
EXISTING BLADED ROAD
UTE INDIANS B #1
LAT. 36-59-35 N (NAD 27)
LONG. 108-15-56 W (NAD 27)
108°17'00" W
108°16'00" W
NAD27 108°15'00" W
37°01'00" N
37°00'00" N
36°59'00" N
SAN JUAN CO
Dome
Gas Well
Little Barker Arroyo
North Thomas Canyon
South Thomas Canyon
Jones Canyon
Middle Jones Canyon
South Jones Canyon
North Buzan Canyon
UTE MOUNTAIN
1 MILE
1000 FEET
500
1000 METERS
Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040
PHENOLS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extract	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-12-04
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	99%
	2,4,6-Tribromophenol	99%

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. 1986.

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

Comments: **Wash Bay, Halliburton Yard.**

Analyst

Review

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

APPENDIX A
AREA MAP

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-12-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extract	Date Extracted:	10-08-04
Preservative:	Cool	Date Analyzed:	10-12-04
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: **Wash Bay, Halliburton Yard.**

Analyst

Review

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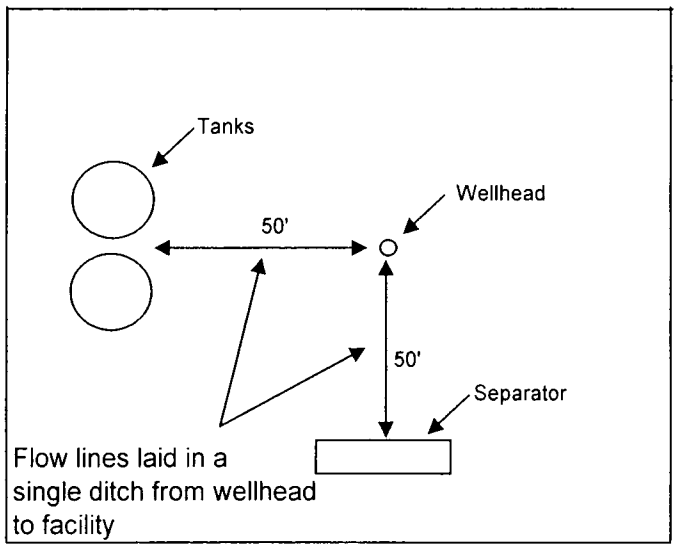
Energen Resources
Typical wellpad layout with production facilities in the Carson National Forest



50' is a minimum to ensure facilites are on outside of rig anchors for workover activity
Meter run will follow path away from wellhead and production facilities.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Halliburton	Project #:	92132-001
Sample ID:	Wash Bay Sump Solids	Date Reported:	10-11-04
Laboratory Number:	30895	Date Sampled:	10-07-04
Chain of Custody:	13081	Date Received:	10-07-04
Sample Matrix:	TCLP Extract	Date Analyzed:	10-11-04
Preservative:	Cool	Date Extracted:	10-08-04
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	0.001	0.001	5.0
Barium	0.046	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.001	0.001	5.0
Lead	0.001	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	ND	0.001	1.0
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, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Wash Bay, Halliburton Yard.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

13081

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Halliburton (Wash Bay)	Halliburton Yard	
Sampler: Brandon Powell	Client No.: 92132-001	

Sample No / Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP 5/6 HAP							Remarks
Wash Bay Sump Solids	10/7/04	11:00am	30595	Soil	1	✓							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/7/04	11:26	Christine M Waller	10/7/04	11:26
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

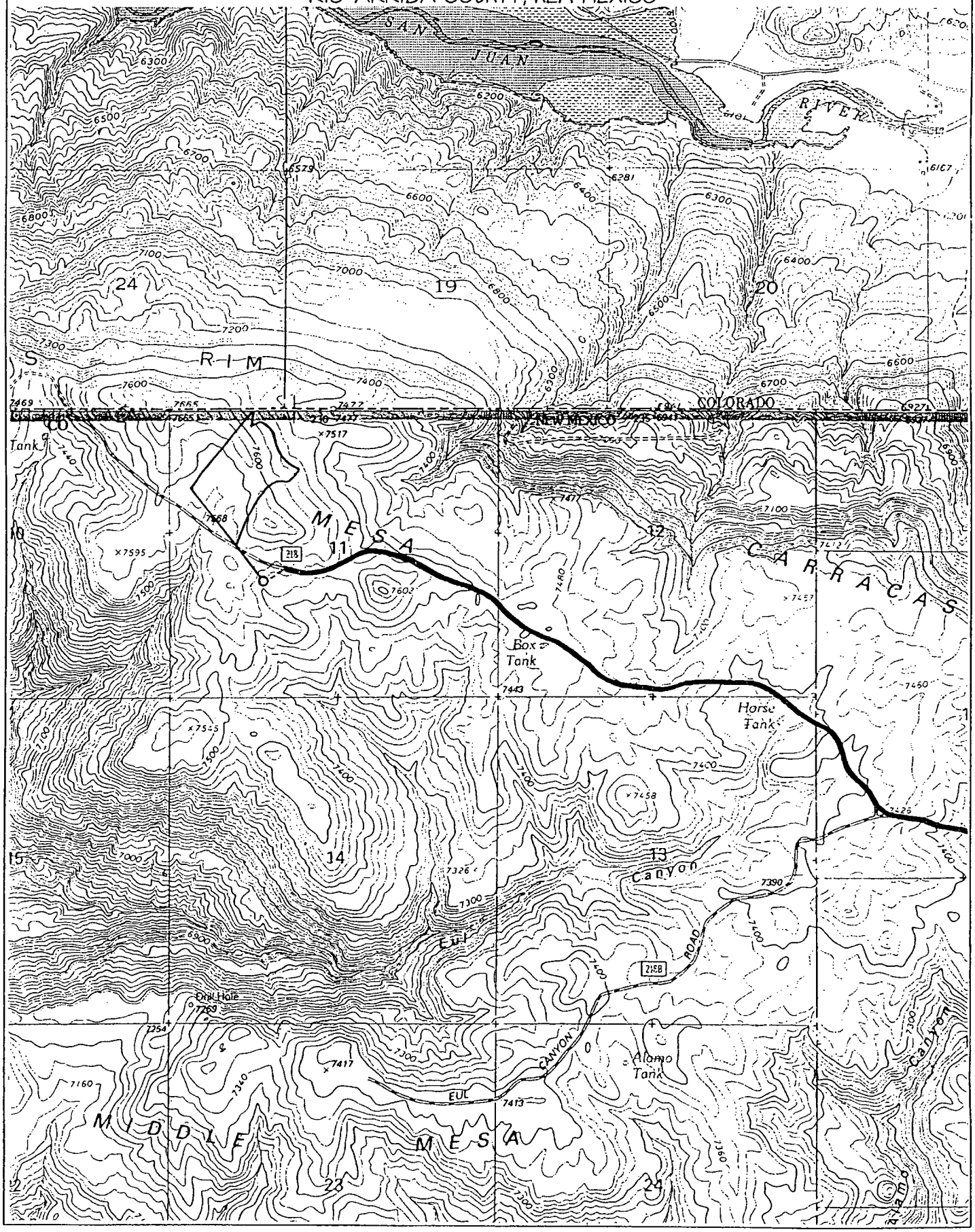
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

see back reproduction 5/93 1/99

ENERGEN RESOURCES CORPORATION CARRACAS 11A #11

1885' FSL & 1580' FWL, SECTION 11, T32N, R5W, N.M.P.M.
RIO ARRIBA COUNTY, NEW MEXICO



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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **Verbal was received from Edwin Martin of the NMOCD in the Santa Fe Office on 8/2/05**	4. Generator: Halliburton Energy Services
	5. Originating Site: Wash Bay
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 4109 E. Main Street, Farmington	Project #92132-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Wash bay grit from 2 bays that have been dried in a drying bed.

CWS, and TCLP dated 10/7/04 attached.

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

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: August 2, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: 9-6-05

APPROVED BY: _____ TITLE: _____ DATE: _____

a. With BLM approval, water produced from newly completed wells may be temporarily disposed into unlined pits up to 90 days. During this initial period, application for the permanent disposal method shall be made to this office in accordance with 00-7.

If underground injection is proposed, an EPA or State UIC permit shall also be required and submitted to this office.

b. Spills, accidents, fires, injuries, blowout and other undesirable events shall be reported to this office within the time frames in NTL-3A.

c. Gas may be vented or flared during emergencies, well evaluation, or initial production tests for a time period of up to 30 days or the production of 50 MMCF of gas, whichever occurs first. After this period, approval from this office shall be obtained to flare or vent gas in accordance with NTL-4A.

d. Off-lease measurement and commingling of production must be approved by the authorized officer.

5. Well Identification (43 CFR 3162.6)

Each drilling, producing or abandoned well shall be identified with the operator=s name, the lease serial number, the well number, and the surveyed description of the well (either footages or the quarter-quarter section, the section, township and range). The Indian lessors name may also be required. All markings shall be legible and in a conspicuous place.

6. Bureau of Land Management, San Juan Field Office Address and Contacts:

ADDRESS: Public Lands Center PHONE: (970) 247-4874
15 Burnett Court
Durango, Colorado 81301

BUSINESS HOURS: 7:45 A.M. to 4:30 P.M. (Mountain Time), Monday-Friday

AFTER HOURS:

Marie Lope — Petroleum Engineering Technician
Home: (505) 632-8106
Cell: (970) 799-2956

Gary Retherford — Petroleum Engineering Technician
Home: (505) 632-3638
Cell: (970) 799-2957

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Halliburton Energy Service 4109 E. Main Street Farmington, New Mexico 87402	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico

3. Originating Site (name): Location of the Waste (Street address &/or ULSTR):

Halliburton, 4109 E. Main, Farmington

attach list of originating sites as appropriate

4. Source and Description of Waste

Washbay grit from 2 bays that have been dried in a drying bed.

I, Merle D. Krause III representative for :
Print Name

Halliburton Energy Service do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature):

Title: Material Control Supervisor

Phone Number: (505) 324-3551

Date: August 2, 2005

INFORMATIONAL NOTICE - APDs

San Juan Field Office

This notice is an abstract of some major regulations and Onshore Orders and includes notification requirements and information.

1. Drilling Operations (Onshore Order No. 2)

   a. If DSTs are run, all applicable safety precautions outlined in Onshore Order No. 2 shall be observed.

   b. All indications of usable water (10,000 ppm or less TDS) shall be reported to the San Juan Field Office prior to running the next string of casing or before plugging orders are requested, whichever occurs first.

2. Well Abandonment (43 CFR 3162.3-4, Onshore Order No. 1-Sec.V)

   Approval for abandonment shall be obtained prior to beginning plugging operations. Initial approval for plugging operations may be verbal, but shall be followed-up in writing within 30 days. Subsequent and final abandonment notifications are required and shall be submitted on Sundry Notice (Form 3160-5), in triplicate.

3. Reports and Notifications (43 CFR 3162.3-2, 3162.4-1, 3162.4-3, 00-6)

   a. Within 30 days of completion of the well as a dry hole or producer, a copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions or data obtained and compiled during the drilling, workover, and/or completion operations shall be filed with a Completion Report (Form 3160-4), in triplicate. Submit casing/cementing reports and other subsequent reports via Sundry Notice, Form 3160-5.

   b. In accordance with 43 CFR 3162.4-3, this well shall be reported on MMS Form 3160, AMonthly Report of Operations@, starting with the month in which drilling operations commence, and continuing each month until the well is physically plugged and abandoned.

   c. Notify this office within 5 business days of production start-up if either of the following two conditions occur:

      (1) The well is placed on production, or

      (2) The well resumes production after being off production for more than 90 days.

   APlaced on production@ means shipment or sales of hydrocarbons from temporary tanks, production into permanent facilities or measurement through permanent facilities. Notification may be written or verbal with written follow-up within 15 days.

   d. As per Onshore Order No. 6, III.A.2.b., if hydrogen sulfide is present the Aoperator shall initially test the H2S concentration of the gas stream for each well or production facility...@ Submit the results of this test within 30 days of filing Form 3160-4, AWell Completion or Recompletion Report and Log@.

4. Environmental obligations and disposition of production (00-7, NTL-3A, NTL-4A, 43 CFR 3162.5-1, 3162.7 and 40 CFR 302-4)

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23272

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 8-4-05 JOB # 92132-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	HALLIBURTON YARD PIT	LF#3	cond Dust	V-21	20		ENVIROTECH	553	7:00A 11:00A	Mike Hoyt
					20				4 HRS	

RECEIVED AUG 05 2005

5827

ENTERED AUG 05 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME MIKE Hoyt COMPANY ENVIROTECH SIGNATURE Mike Hoyt

DATE 8-4-05

san juan reproduction 528-126

8. Cementing of the 8-5/8" Surface Casing: If cement does not circulate or cement circulates but falls back in the annular beyond visual sight, a temperature survey or other preferred method may be employed to determine the amount of fall back.

Cementing of the 5-1/2" Production Casing: A cement bond log will be run prior to perforating. A 360 degree cement evaluation log is recommended. Whether or not the cement circulates to the surface, a cement bond log will be run prior to perforating for completion.

9. Submit copies of all logs to the BLM office in both paper and in Log ASCII Standard (LAS) format.

10. If any operations are to start over the weekend, notify this office by noon Friday. If any problems arise after hours or on weekends, call BLM personnel using the home phone numbers listed on the following 'INFORMATIONAL NOTICE - APD's'.

11. If different zones of the Paradox formation are to be considered for commingling, approval must first be granted by the BLM. A Sundry Notice, Notice of Intent must be submitted with specific reservoir information from each zone, including: stabilized pressure, flow rates, and fluid analysis.

If commingling becomes a permanent part of the well completion and a change in production performance indicates that one particular zone's capacity becomes altered due to a drop in bottom hole pressure, a drop in fluid capacity, an inflow of water, or an inflow of either oil or gas, the BLM has the authority to request sufficient testing to determine what particular zone and to what degree that zone is contributing to the decrease in production or change in fluids. The operator is on notice that after a three to five year period you could be requested to retest the producing zones if the BLM believes there is a significant change in one or more commingled zones. Should an unexpected change take place within a short period of time following the initial completion, it is required to provide a reason for that change and the technical data to support the cause of such change.

ENVIROTECH INC.

Bill of Lading

MANIFEST # 23123

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 8-01-05 JOB # 92132-001

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	Halliburton Yard	L.F. #3	Cont. D.T.	X-23	10		Envirotech	551		Larry Pace
					10					
									✓	
								✓		
									✓	
									5827	

RECEIVED AUG 05 2005

ENTERED AUG 05 2005

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

NAME Larry Pace COMPANY Envirotech SIGNATURE Larry Pace

DATE 8-1-05

san juan reproduction 578-126

XTO Energy, Inc.
IMDA: 751-01-1018
Well: Ute Indians B #1
Location: 793' FNL & 885' FWL
Sec. 13, T. 32 N., R. 14 W.
San County, New Mexico

Conditions of Approval - Drilling Plan:

1. All drilling locations must be built as drilled, not constructed back to back prior to drilling.

2. The BOP must have adjustable chokes.

3. No additional zones will be commingled without UMU Tribal and BLM approval.

4. **Stabilized Bottom hole pressures must be taken from each perforated zone.**

5. Notify this office during working hours **at least 72 hours** prior to:

    a. spudding the well*

    b. running casing strings and cementing

    c. BOP tests

    d. Drill Stem testing

* at this time provide phone numbers for the rig and your field representative (mobile and office) to facilitate the scheduling of BLM Technicians to witness the above operations.

6. All BOP tests will be performed with a test plug in place. BOP will be tested to full stack working pressure and annular preventer to 50% maximum stack working pressure. All accumulators will be function tested as per Onshore Order #2. All 2M or greater systems require **adjustable** chokes as per Onshore Order #2.

7. If a BLM Inspector is not present during the initial BOP test, please provide chart record.

Continued on page 2.

verbal approval Denny Foust 5/11/06 9:37

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator: Universal Compression
	5. Originating Site: Black Hills 34-16
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Universal Compression
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; S 34; T 33N; R 8W	Project # 98059-038

2006 MAY 24 PM 1 39

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 2 bbl of legacy diesel spill contaminated soil. RCRA metals analysis performed on 5/10/2006 revealed the following levels: Arsenic0.133 mg/Kg; Barium 77.39 mg/Kg; Cadmium 0.030 mg/Kg; Chromium 0.413 mg/Kg; Lead 0.833 mg/Kg; Mercury nondetect; Selenium nondetect and Silver nondetect.

CWS and analyticals attached.

MAY 2006

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

SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: 05/10/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi. Spec. DATE: 5/17/06

APPROVED BY: Ed Martin TITLE: ENVIRO ENGR. DATE: 5-25-06

4. PROPOSED PRODUCTION FACILITIES (See PAGE 13 - 15)

LaPlata Archaeological Consultants will be called (970 565-8708) at least 1 week before construction starts. LaPlata will install a ≈90' long fence along the west side of the pipeline at Station 9+00 to protect an archaeology site.

A ≈60 barrel fiberglass open top tank, ≤200 hp compressor, meter run, and separator will be installed on the pad. All surface equipment will be painted a flat juniper green. Bird screens will be installed on all vent stacks.

XTO will bury a steel ≈4.5" O. D. gas line 7,403.59' southwest along roads to tie into Western's existing pipeline at the #51 well. Wall thickness = 0.156". All disturbance will be within the 40' wide corridor to be used for road work.

5. WATER SUPPLY

Water will be trucked from the Upper LaPlata Water Users Association on private land at junction on NM 170 and NM 173.

6. CONSTRUCTION MATERIALS & METHODS

NM One Call (1-800-321-ALERT) will be notified before construction starts. Construction zone will not extend beyond 30' from the pad. A diversion ditch will be cut on the north side of the pad. The top ≈6" of soil will be piled east of the pad and separate from the pit subsoil. Trees will be bucked and hauled to Towaoc. Slopes will be <2:1, seeded, and mulched. Limbs will be walked onto cut and fill slopes to prevent erosion and catch silt.

Pit will have ≥12 mil liner. Three sides of pit will be fenced sheep tight before filling. The same day the rig leaves, the fourth side of the pit will be fenced and the top of the pit will be screened or bird bails on wires installed.

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Universal Compression 3440 Morningstar Dr Farmington NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Black Hills 34-16 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): SE / SE, Sec 34 T33N-R8W La Plata County, CO.
4. Source and Description of Waste Compressor engine oil - legacy spill under skids	

I, Ron Gotfried (Print Name) representative for :

Universal Compression do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
X RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ron Gotfried

Title: Field Mech.

Phone Number: 505-486-0454

Date: 5-10-06

64+19.86 where a 100' long culvert will be installed. (Archaeologist inspected a 150' wide swath.) Maximum grade = 8%. Maximum cut or fill = 10'. No gate, cattle guard, or turn out is needed.

All culvert inlets and outlets will be armored with rip rap or aprons. Low water crossings will have all excavated material piled above the high water mark of the channel. Crossings will be armored with a $\geq$12" thick layer of $\approx$4" pit run. Armor will extend 25' upstream and 25' downstream from the centerline of the crossing.

Site specific road work requested by BLM includes:
Station 40+00: low water crossing
Station 43+50: low water crossing
Station 45+00: low water crossing
Station 48+00: low water crossing
Station 50+00: low water crossing
Station 51+00: low water crossing
Station 57+00: gravel across bedrock
Station 57+67: low water crossing
Station 60+00: low water crossing or culvert
Station 63+00: low water crossing
Station 64+19: 48" x 100' culvert
Stations 65+15 to 70+71: anchor silt fences, straw bales, or excelsior logs
Station 73+53: low water crossing or culvert

3. EXISTING WELLS (See PAGE 13)

According to NM Oil Conservation Division and NM State Engineer records, there is 1 oil or gas well, 2 plugged and abandoned wells, and no water or injection wells within a mile radius.

CHAIN OF CUSTODY RECORD

15953

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
UNIVERSIAL Compresson	BLACK Hills # 34-16	
Sampler: Bill Carter	Client No. 98059-038	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 Metals					Remarks
# 1	59-06	12:00	37087	Soil	1	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bill Carter	59-06	1:15p		5/9/06	1:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

Surface Use Plan

1. DIRECTIONS (See PAGES 12 - 15)

From Mile Post 14 on the LaPlata Highway (NM 170) ...
Turn left at the transfer station and go West 0.7 miles on County Road 1330
Turn right and go North 0.1 miles on County Road 1191
Turn left at a cattle guard and go Northwest 3.3 miles to a junction
then turn right and go North 2.4 miles to the top of the mesa
Then bear left and continue North 2.7 miles
Then turn right and go East 2,461.4' on a partially reclaimed road
Then turn left and go North 960.6' on a reclaimed seismic trail
Then turn right and go East 1,065.16' cross country to the pad

Roads will be maintained to a standard at least equal to their present state.

2. ROAD TO BE BUILT OR UPGRADED (See PAGES 13 - 15)

LaPlata Archaeological Consultants will be called (970 565-8708) at least one week before construction starts. LaPlata will install the following fences beside the road (centerline survey plat includes all required avoidance) to protect archaeology sites:

≈90' along the west side of the road and south of Station 59+53
≈120' along east side of road north of Station 60+89
≈100' along west side of road around Station 64+19
≈100' along north side of road around Station 67+38
≈100' along north side of road at entrance to pad

The final 4,487.16' of road will be crowned and ditched with a ≈14' wide running surface. Maximum disturbed width will be 40', except at Station

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Universal Compresson	Project #:	98059-038
Sample ID:	#1	Date Reported:	05-10-06
Laboratory Number:	37087	Date Sampled:	05-09-06
Chain of Custody:	15953	Date Received:	05-09-06
Sample Matrix:	Soil	Date Analyzed:	05-10-06
Preservative:	N/A	Date Digested:	05-10-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.133**	**0.001**	**5.0**
Barium	**77.39**	**0.001**	**100**
Cadmium	**0.030**	**0.001**	**1.0**
Chromium	**0.413**	**0.001**	**5.0**
Lead	**0.833**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Black Hills #34-16.**

Analyst

Review

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

These stipulations must be followed or project suspension may be issued. The responsibility of the project sponsor is to notify subcontractors of the project boundaries and stipulations. Any change in project boundaries will require additional cultural resource inventory and repetition of the compliance procedures.

Prior to land modifying projects outside the scope of this approval, Section 106 compliance is one of several legal requirements, which must be accomplished before approving any right-of-way, easement, or other land use contracts by the Bureau of Indian Affairs. Land modifications conducted outside of this approval will be considered trespass.

The above mentioned sites have been cleared for threatened and endangered or sensitive species. Copies of this report on file with this office. This approval does not grant any easement rights.

Attached is a copy of the Ute Mountain Ute Tribe's stipulations for all operators drilling on the Ute Mountain Ute Reservation. If you have any questions, contact the Branch of Real Estate Services at (970) 565-6094.

Sincerely,

Priscilla Burgess

Superintendent

Enclosure(s)

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	05-10 TM QA/AC	Date Reported:	05-10-06
Laboratory Number:	37087	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	05-10-06
Condition:	N/A	Date Digested:	05-10-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.133	0.134	1.0%	0% - 30%
Barium	ND	ND	0.001	77.39	77.16	0.3%	0% - 30%
Cadmium	ND	ND	0.001	0.030	0.030	1.3%	0% - 30%
Chromium	ND	ND	0.001	0.413	0.418	1.2%	0% - 30%
Lead	ND	ND	0.001	0.833	0.840	0.9%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.133	0.634	100.1%	80% - 120%
Barium	0.500	77.39	77.7	99.8%	80% - 120%
Cadmium	0.500	0.030	0.503	94.9%	80% - 120%
Chromium	0.500	0.413	0.908	99.5%	80% - 120%
Lead	0.500	0.833	1.322	99.2%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.500	100.0%	80% - 120%
Silver	0.500	ND	0.501	100.2%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37087 and 37088.**

Christine M Walters
Analyst

Review

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

United States Department of the Interior
BUREAU OF INDIAN AFFAIRS
Ute Mountain Ute Agency
P.O. Box KK
Towaoc, Colorado 81334

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
Office of the Superintendent

APR 0 4 2006

BLM, San Juan Resources Area
Attn: Helen Mary Johnson, Minerals Staff Chief
15 Burnett Court
Durango, CO 81301

RE: Application for Permit to Drill from XTO Energy, Inc. Well Pad and Access Road, and Well Tie Pipeline for **Ute Indians B Number 1.**

Dear Ms. Johnson:

Based upon the available information received in this office, we concur with the issuance of the Application for Permit to Drill (APD) for the above-referenced well.

The proposed project s in compliance with provisions of Section 106 of the National Historic Preservation Act and may proceed under the following general stipulations:

1. Sites LA149975, LA149976, LA149977, LA149978, LA149979, LA149980, and LA149981 must be avoided and protected by adhering to the prescribed avoidance and fencing measures presented on pages 20 and 21 of the cultural resources survey report dated December 27, 2005, entitled "Cultural Resources Survey of XTO Energy's Proposed Ute Indians B Number 1 Well Pad, Access Road, and Well Tie Pipeline, Ute Mountain Ute Indian Reservation, San Juan County, New Mexico."

2. All land altering activities be confined to the area surveyed for cultural resources; and the project sponsor shall control the action of it's agent(s) at the job site to ensure that any archaeological sites will not be disturbed or damaged. Site disturbance or damage is a violation of the Archaeological Resources Protection Act (16 U.S.C. § 470ee) which prohibits the excavation, removal, damage, alteration or defacement. Or attempt to excavate, remove, damage, alter or deface any archaeological resources [cultural resources] located on Federal or Indian Lands. Both criminal and civil penalties may be assessed (16 U.S.C. §§470ee and 470ff) for violations.

3. That in the event subterranean cultural resources are encountered, land altering activities shall cease within 50 feet of the discovery and the Ute Mountain Ute Indian Tribe and the Bureau of Indian Affairs Regional Archeologist shall be notified immediately for consultation on the treatment of the discover

RECEIVED
APR - 4 2006
Bureau of Land Management
Durango, Colorado

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

2006 JUL 31 PM 2 51

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ **Verbal approval from Brandon Powell 7/24/06**	4. Generator: Compressor Systems Inc. 5. Originating Site: 29-6 NE Lateral #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR. Unit A; S 2; T29N, R 6W; Rio Arriba County	Project #01038-058

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept non-exempt screw oil contaminated soil from ruptured supply line at 29-6 NE Lateral #1. Approximately 100 gal of oil went to skid and ground. Approximately 30-40 gal on ground.

CWS and MSDS for Frick NG-1 compressor screw oil attached.

JUL 2006
RECEIVED
OIL CONS. DIV.
DIST. 3

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: 7/24/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Environmental Spec. DATE: 7/25/06

APPROVED BY: [signature] TITLE: Environmental Engineer DATE: 8/1

XTO Energy Inc.
Ute Indians B 1
793' FNL & 885' FWL
Sec. 13, T. 32 N., R. 14 W.
San Juan County, New Mexico

Drilling Program

1. ESTIMATED FORMATION TOPS

Formation Name	GL Depth	KB Depth	Elevation
Cliff House Sandstone	0'	12'	+6,800'
Gallup Sandstone	2,425'	2,437'	+4,375'
Greenhorn Limestone	2,975'	2,987'	+3,825'
Dakota Sandstone	3,150'	3,162'	+3,650'
Morrison	3,250'	3,262'	+3,550'
Todilto Limestone	4,200'	4,212'	+2,600'
Entrada Sandstone	4,225'	4,237'	+2,575'
Chinle Shale	4,900'	4,912'	+1,900'
Cutler Group	5,700'	5,712'	+1,100'
Ismay	8,480'	8,492'	-1,680'
Desert Creek	8,665'	8,677'	-1,865'
Akah	8,885'	8,897'	-2,085'
Barker Creek	8,975'	8,987'	-2,175'
Alkali Gulch	9,215'	9,227'	-2,415'
Total Depth	9,500'	9,512'	-2,700'

2. NOTABLE ZONES

Gas & Oil Zones	Water Zones	Uranium Zone
Dakota (not a goal)	Entrada	Chinle
Ismay		
Desert Creek		
Akah		
Barker Creek		

Deal, Jim

From: Davis, Mitch
Sent:
To: Deal, Jim
Subject: Blank CWS.doc

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Compressor Systems Inc P.O.Box 1886 Bloomfield N.M. 87413	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): 29-6 NE Lateral #1 Central Compressor attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): N/E/NE Sec.2,T-29-N,R-6-W,NMPM Rio Arriba N.M.
4. Source and Description of Waste The oil supply line for the Screw Compressor ruptured causing a loss of 100gal. of Screw Oil on Skid and ground. The oil is NG-1 Screw Compressor oil. Estimate of 30 to 40 gal. on ground.	

____Jim Deal_____representative for :
Print Name

_____do hereby certify that, according to the Resource
ıtion and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above
l waste is: (Check appropriate classification)

EMPT oilfield waste___ ____ X **NON-EXEMPT** oilfield waste which is non-hazardous by
ristic
analysis or by product identification

nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

I-EXEMPT waste the following documentation is attached (check appropriate items):
___MSDS Information ___Other (description
___RCRA Hazardous Waste Analysis
___Chain of Custody

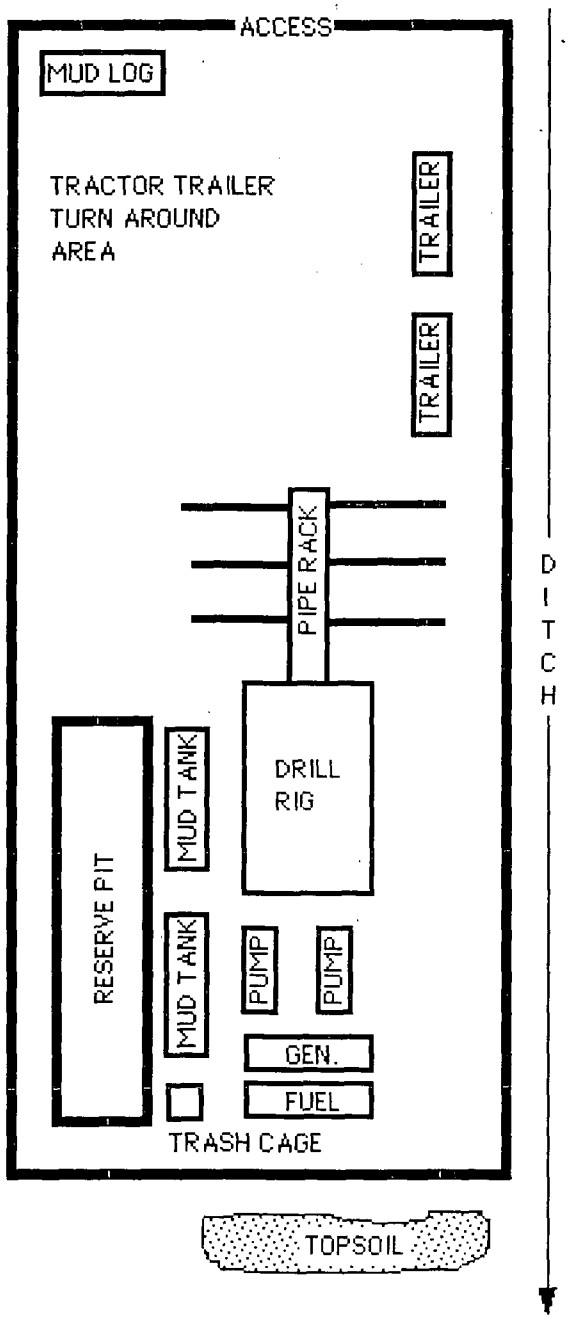
ıte is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20).1 subpart 1403.C and D.

)riginal Signature): Jim Deal
7/15/06
umber: 486-2810

7/7/2006

XTO Energy Inc.
Ute Indians B 1
793' FNL & 885' FWL
Sec. 13, T. 32 N., R. 14 W.
San Juan County, New Mexico

NORTH



FRICK NG 1

PRODUCT DESCRIPTION

Frick NG 1 is a custom-blended, highly refined, chemically resistant lubricant. State of the art additives act as lubricity improvers, defoamants, and pour point depressants. It also helps protect the metal surfaces against corrosion. This product is widely used in environments and certain applications (e.g. flooded rotary screw compressors) where shear stability, lubricity and resistance to chemical attack by the compressed gas are required.

APPLICATIONS

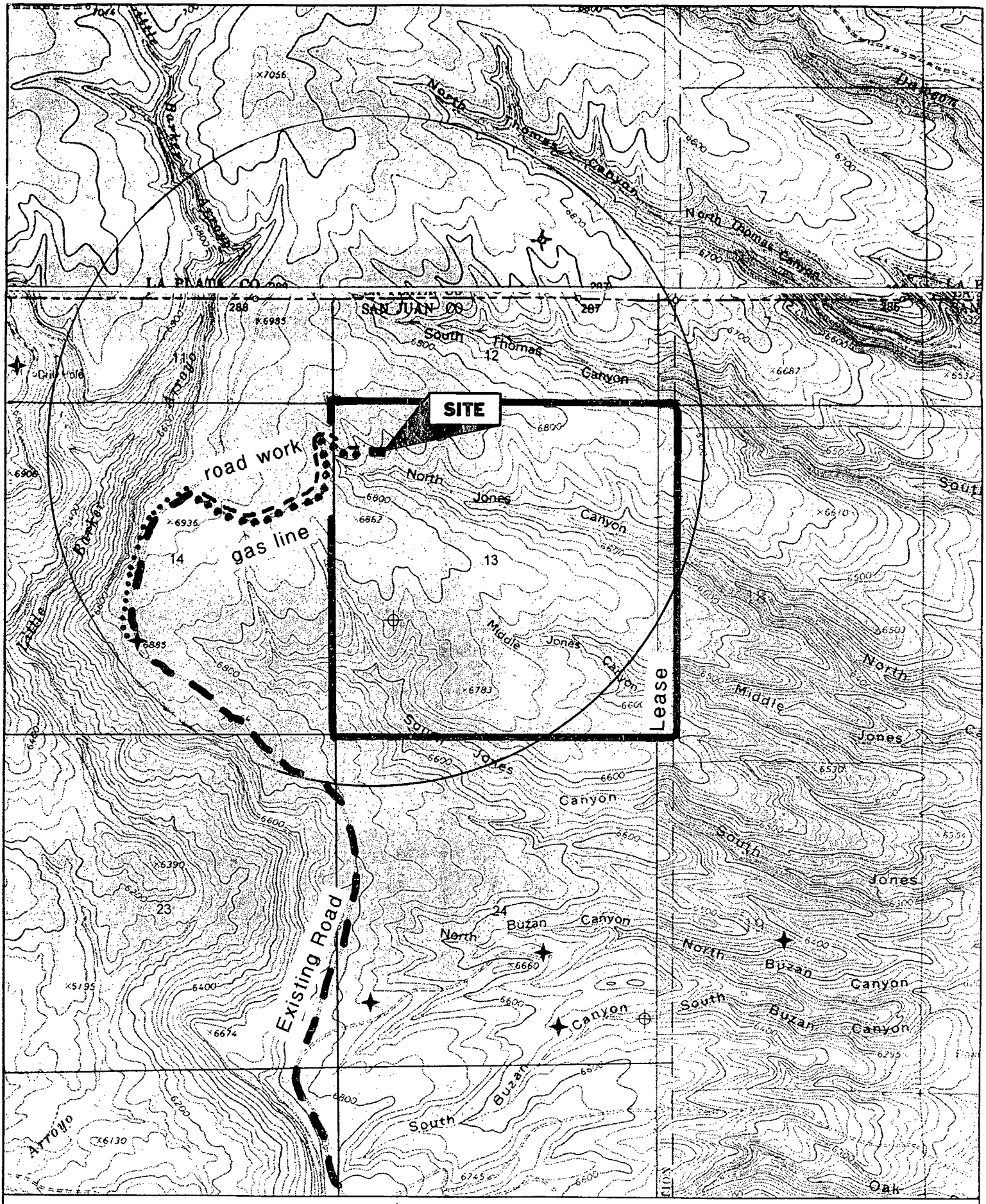
- Lubricant/coolant for process and hydrocarbon gas rotary screw compressors.
- Proprietary additive helps to protect metal surfaces from corrosive attack by sour gas (H_2S).

TYPICAL PROPERTIES*

Viscosity @ 40°C cs ASTM D445	97
Viscosity @ 100°C cs	11.8
Viscosity @ 100°F	108.6
Viscosity @ 210°F	12.1
Viscosity Index ASTM D2270	111
Density, lb/gal, 60°F	7.42
Pour Point °F (°C) ASTM D97	-10°F (-23°C)
Flash Point, C.O.C., °F (°C) ASTM D92	465 (240)
Fire Point, C.O.C., °F (°C) ASTM D92	510 (265)
Specific Gravity, ASTM D1298	0.890

*These values are not intended for use in preparing specifications.

6/99



Name: PURGATORY CANYON
Date: 11/9/2004
Scale: 1 inch equals 2000 feet

Location: 036.9871583° N 108.2598661° W
Caption: 13, 32N-14W

Copyright (C) 1997, Maptech, Inc.

Emergency Number: (989) 496-3780

Section 1 Product Name and Information

Product(Trade Name and Synonyms): Frick NG 1
Chemical Name: Semi-synthetic Hydrocarbon
Chemical Family: Mineral Oil
Formula: Proprietary
CAS#: Proprietary

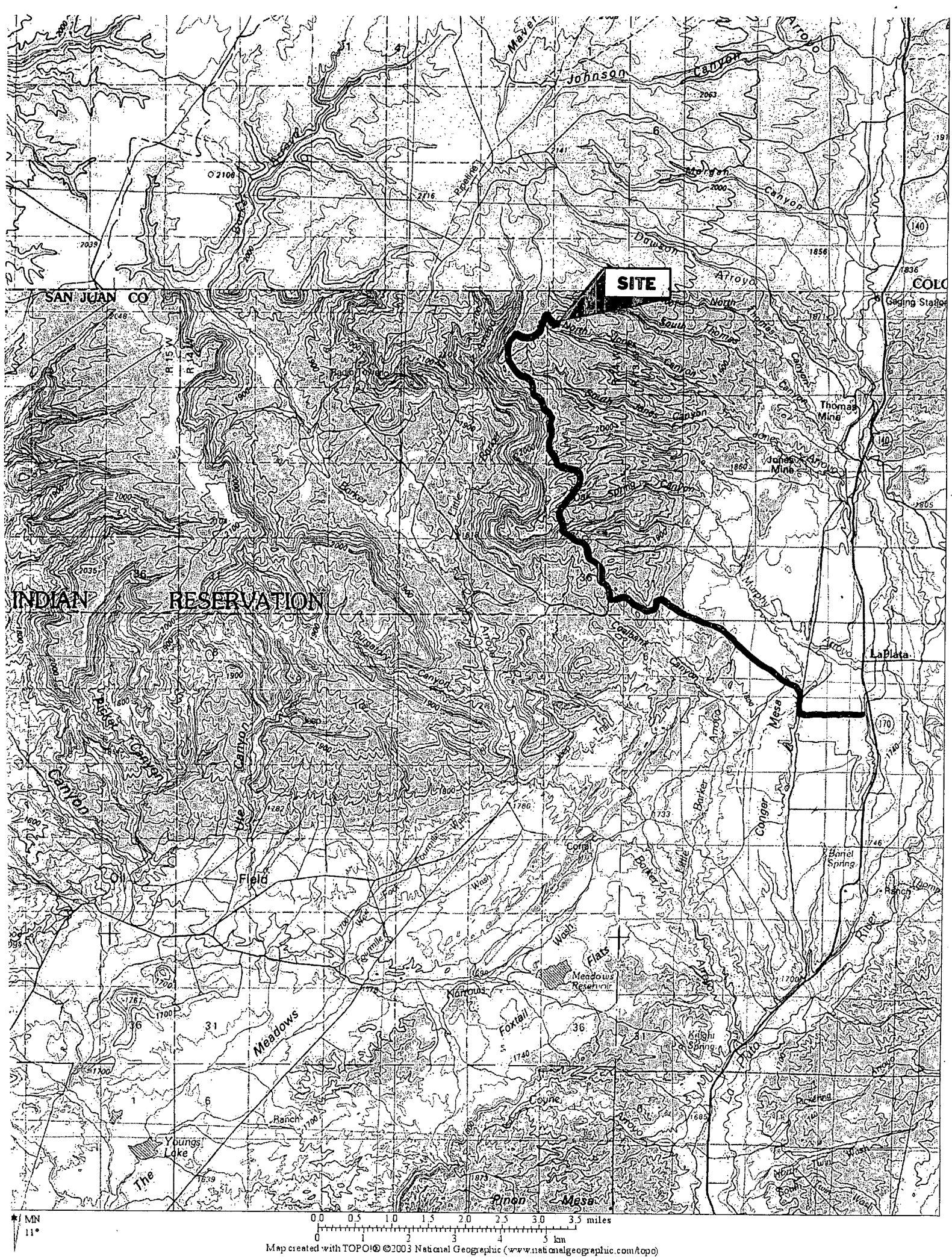
Section 2 Components and Hazard Statement

This product is non-hazardous. The product contains no known carcinogens. No special warning labels are required under OSHA 29 CFR 1910.1200.

Section 3 Safe Handling and Storage

Handling. Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin, wash with soap and water. Flush eyes with water for 15 minutes and consult physician. Wash contaminated clothing before reuse.

Storage. Keep container tightly sealed when not in use.



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

Section 4 Physical Data

Appearance: Colorless liquid
Boiling Point: >500°F
Vapor Pressure:<0.1 mmHg @20°C
Specific Gravity(water=1):0.85
Volatiles, Percent by Volume: 0%
Odor: slight
Solubility in Water: insoluble
Evaporation Rate(butyl acetate=1): nil

Section 5 Fire and Explosion Hazards

Flash Point (by Cleveland Open Cup): 212°C(415°F)
Flammable Limits: not established
Autoignition Temperature: no data
HMIS Ratings:

Health:	0
Flammability:	1
Reactivity:	0

NFPA Ratings: not established

Extinguishing Media: Dry chemical; CO_2 foam

Unusual Fire and Explosion Hazards: None

Special Fire Fighting Techniques: Burning fluid may evolve irritating/noxious fumes. Firefighters should use NIOSH/MNSA-approved self-contained breathing apparatus. Use water carefully to cool fire-exposed containers. Spraying water directly on hot or burning liquid may cause frothing or splashing.

pursuant to 43 CFR 3104 for lease activities and operations is being provided by XTO Energy Inc.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by XTO Energy Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.

March 23, 2006

Brian Wood, Consultant

Section 6 Reactivity Data

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatible Materials: Strong Oxidizers
Conditions to Avoid: Excessive heat
Hazardous Decomposition Products: Analogous compounds evolve carbon monoxide, carbon dioxide, and other unidentified fragments when burned. See Section 5.

Section 7 Health Hazard Data

Threshold Limit Value: 5mg/m^3 for oil mist
Situations to Avoid: Avoid breathing oil mists
First Aid Procedures:

Ingestion: DO NOT INDUCE VOMITING. Consult physician at once. DO NOT give anything by mouth if the person is unconscious or having convulsions.

Inhalation: Product is not toxic by inhalation. If oil mist is inhaled, remove to fresh air and consult physician.

Contact: Prolonged exposure may irritate the skin. Wash exposed skin with soap and water.

To the best of our knowledge, the toxicological properties of these compounds have not been fully investigated. Analogous compounds are considered to be essentially non-toxic.

Section 8 Personal Protection Information

Respiratory Protection: Use in well ventilated area
Ventilation: Local exhaust
Protective Gloves: Not required, but recommended, especially for long term exposure
Eye/Face Protection: Goggles

Section 9 Spill or Leak Procedures

A harrow or cable will be dragged over the area to assure seed cover. If the well is a producer, then the reserve pit, pipeline route, and any other areas not needed for work overs will be reclaimed as previously described.

11. SURFACE OWNER

All construction is on Ute Mountain Ute Tribal land.

12. OTHER INFORMATION

The nearest hospital is a ≈1 hour drive away in southwest Farmington.

13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87505
(505) 466-8120 FAX: (505) 466-9682 Cellular: (505) 699-2276

Field representative will be:

John Egelston
XTO Energy Inc.
2700 Farmington Ave., Building K, Suite 1
Farmington, NM 87401
(505) 324-1090 FAX: (505) 566-7927 Mobile: (505) 330-6902

XTO Energy Inc. has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage

In Case of Spill: Wear suitable protective equipment, especially goggles. Stop source of spill. Dike spill area. Use absorbent materials to soak up fluid(i.e. sand, sawdust, or commercially available materials). Wash spill area with large amounts of water. Properly dispose of all materials.

Section 10 Waste Disposal Methods

Incinerate this product and all associated wastes in a licensed facility in accordance with Federal, state, and local regulations.

The information in this material safety data sheet should be provided to all who use, handle, store, transport, or are otherwise exposed to this product. We believe the information in this document to be reliable and up to date as of the date of publication, but makes no guarantee that it is.

8/01

7. WASTE DISPOSAL

All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burning. Once dry, contents of the reserve pit will be buried in place. Human waste will be disposed of in chemical toilets and hauled to an approved dump station.

8. ANCILLARY FACILITIES

There will be no air strip or camp. Camper trailers will be on location for the company man, tool pusher, or mud logger.

9. WELL SITE LAYOUT

See Pages 16 and 17 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Reclamation starts once the reserve pit is dry, at which point it will be back filled. The pad and filled pit will be contoured to a natural shape and disturbed areas ripped or harrowed. Following mix will be broadcast seeded at a rate of 40 pure live seeds per square foot:

22.23% western wheatgrass (arriba 90 germ)
21.58% slender wheatgrass (pryor 93 germ)
16.73% Indian ricegrass (nezpar 96 germ)
11.24% western wheatgrass (arriba 76 germ)
7.52% blue grama (hachita 89 germ)
6.37% sainfoin (eski 90 germ)
3.84% sandberg bluegrass (vns 93 germ)
9.69 % other or inert

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☒ BP 5/1/06	4. Generator: The Hanover Company
	5. Originating Site: Pipkin Compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) T28N, R11W, Sec 36, San Juan County	Project #99043-021

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Soil and gravel contaminated with motor oil.

CWS and analytical attached.

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: May 1, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec. DATE: 5/1/06

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 5-5-06

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER 1280 TROY KING RD, FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): PIPKEN COMPRESSOR STATION BLOOMFIELD, NM attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): T28N R11W S36
4. Source and Description of Waste SOIL AND GRAVEL CONTAMINATED WITH MOTOR OIL	

I, MICHAEL BALCAR (Print Name) representative for :

THE HANOVER COMPANY do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
_X_ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Balcar

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 5/1/06

CHAIN OF CUSTODY RECORD

15732

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Hanover Compressor	Pipkin	
Sampler: Lyle Peterson	Client No. 99043-021	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals						Remarks
X00057	3/23/06	11:30	36640	Soil	1	✓						

7053

ENTERED APR 0 4 2006

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	3/23/06	12:25		3/23/06	12:25
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-021
Sample ID:	X00057	Date Reported:	03-30-06
Laboratory Number:	36640	Date Sampled:	03-23-06
Chain of Custody:	15732	Date Received:	03-23-06
Sample Matrix:	Soil	Date Analyzed:	03-30-06
Preservative:	N/A	Date Digested:	03-29-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.122**	**0.001**	**5.0**
Barium	**67.0**	**0.001**	**100**
Cadmium	**0.039**	**0.001**	**1.0**
Chromium	**1.54**	**0.001**	**5.0**
Lead	**1.21**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Pipkin.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	03-30 TM QA/AC	Date Reported:	03-30-06
Laboratory Number:	36632	Date Sampled:	N/A
Sample Matrix:	Filter Material	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	03-30-06
Condition:	N/A	Date Digested:	03-29-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.789**	**0.792**	**0.4%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**23.4**	**23.5**	**0.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.363**	**0.364**	**0.3%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**55.0**	**55.2**	**0.4%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**4.97**	**4.95**	**0.4%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.789**	**1.28**	**99.3%**	**80% - 120%**
Barium	**0.500**	**23.4**	**23.9**	**100.0%**	**80% - 120%**
Cadmium	**0.500**	**0.363**	**0.862**	**99.9%**	**80% - 120%**
Chromium	**0.500**	**55.0**	**55.4**	**99.8%**	**80% - 120%**
Lead	**0.500**	**4.97**	**5.45**	**99.6%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.500**	**100.0%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 36632, 36640, 36644.**

Analyst

Review

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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ ☐Verbal Approval Received: Yes ☐ No ☒	4. Generator: XTO 5. Originating Site: Gartner #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "D" Sec 27, T26N, R11W,	Project #98031-088

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Compressor oil from Gartner #1

CWS and analytical attached

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: 4/20/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi Spec DATE: 5/1/06

APPROVED BY: Ed Martin TITLE: Envi. Engr. DATE: 5-5-06

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
XTO Energy Inc. 2700 Farmington Ave., Bldg K, Ste 1 Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): **Gartner #1** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **Sec. 27D—26N—11W San Juan County, New Mexico**
4. Source and Description of Waste **Compressor Oil** **Foreman: Mark Hooper 320-8164**	

I, Kim Champlin, Torey Cardona, and/or Lisa Winn representative for :XTO Energy Inc. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___**EXEMPT** oilfield waste

X ___**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
_ X ___Other (description **Lab analysis for total RCRA 8 metals**

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Kim Champlin Kim Champlin

Title: Environmental Assistant

Phone Number: 505-566-7954

Date: 04/20/2006

APR-21-2006 08:48 XTO 505 564 6700 P.02

CHAIN OF CUSTODY RECORD

14545

P.04 505 564 6700 APR-21-2006 08:48 XTO

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BURGESS / ~~SAN JUAN~~ XTO ENERGY	SARTNER #1	
Sampler: NV	Client No. 94034-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8 RCRA METALS	Remarks
			BLOW				4 PT. COMPOSITE SAMPLE
COMP. - 4 PT 2 PART	3/27/06	1050	36618	SOIL	1	✓	COMPOSITED IN FIELD

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	3/27/06	1246	[signature] Matthew M Walters	3/27/06	1246
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-128

TRACE METAL ANALYSIS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	Compr. - 4 PC @ Surf.	Date Reported:	03-28-06
Laboratory Number:	36618	Date Sampled:	03-27-06
Chain of Custody:	14545	Date Received:	03-27-06
Sample Matrix:	Soil	Date Analyzed:	03-28-06
Preservative:	N/A	Date Digested:	03-27-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.221**	**0.001**	**5.0**
Barium	**56.8**	**0.001**	**100**
Cadmium	**0.010**	**0.001**	**1.0**
Chromium	**0.664**	**0.001**	**5.0**
Lead	**1.51**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Gartner #1 Compressor Oil Release 4 Pt. Composite Sample.**

Analyst

Review

APR-21-2006 08:48 XTO 505 564 6700 P.03

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	03-28 TM QA/AC	Date Reported:	03-28-06
Laboratory Number:	36618	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	03-28-06
Condition:	N/A	Date Digested:	03-27-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.221	0.220	0.5%	0% - 30%
Barium	ND	ND	0.001	56.8	56.6	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.010	0.010	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.664	0.663	0.2%	0% - 30%
Lead	ND	ND	0.001	1.51	1.49	1.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.221	0.719	99.7%	80% - 120%
Barium	0.500	56.8	57.2	99.8%	80% - 120%
Cadmium	0.500	0.010	0.510	100.0%	80% - 120%
Chromium	0.500	0.664	1.16	99.7%	80% - 120%
Lead	0.500	1.51	2.00	99.5%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 36618 - 36619.**

Analyst

Review

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APR-21-2006 08:49 XTO 505 564 6700 P.05

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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ ☐Verbal Approval Received: Yes ☐ No ☒	4. Generator: XTO 5. Originating Site: Gallegos Canyon Fed #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) "K" Sec 4, T25N, R11W,	Project #98031-087

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Dirt from around compressor contaminated with engine oil from skid

CWS and analytical attached

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: 4/21/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 5/1/06

APPROVED BY: Ed Martin TITLE: ENVIRO. ENGR. DATE: 5-5-06

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
XTO Energy Inc. 2700 Farmington Ave., Bldg K, Ste 1 Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): **Gallegos Canyon Federal #1** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **Sec. 4K—25N—11W San Juan County, New Mexico**
4. Source and Description of Waste **Dirt from around compressor contaminated with engine oil from skid** **Foreman: Mark Hopper 320-8164**	

I, Kim Champlin, Torey Cardona, and/or Lisa Winn representative for :XTO Energy Inc. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___**EXEMPT** oilfield waste

X _**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
_ X ___Other (description **Lab analysis for total RCRA 8 metals**

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Kim Champlin Kim Champlin

Title: **Environmental Assistant**

Phone Number: **505-566-7954**

Date: **04/21/2006**

APR-21-2006 08:49 XTO 505 564 6700 P.06

CHAIN OF CUSTODY RECORD

14546

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BLAGG / XTO ENERGY	GALLEGOS CANYON FEDERAL #1	

Sampler:	Client No.
NV	94034-010

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8 RCRA METALS	Remarks
							4 PT. COMPOSITE SAMP
COMPR. - 4 PC @ SURF.	3/27/06	1145	36619	SOIL	1	✓	COMPRESSOR OIL RELEASE

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Nelson Vaj	3/27/06	12.46	Christine M Walters	3/27/06	1246
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

P.08 505 564 6700 XTO APR-21-2006 08:49

san juan reproduction 578-123

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	Compr. - 4 PC @ Surf.	Date Reported:	03-28-06
Laboratory Number:	36619	Date Sampled:	03-27-06
Chain of Custody:	14546	Date Received:	03-27-06
Sample Matrix:	Soil	Date Analyzed:	03-28-06
Preservative:	N/A	Date Digested:	03-27-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.142**	**0.001**	**5.0**
Barium	**46.5**	**0.001**	**100**
Cadmium	**0.017**	**0.001**	**1.0**
Chromium	**0.751**	**0.001**	**5.0**
Lead	**1.56**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Gallegos Canyon Federal #1 Compressor Oil Release 4 Pt. Composite Sample.**

Analyst

Review

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APR-21-2006 08:49 XTO 505 564 6700 P.07

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	03-28 TM QA/AC	Date Reported:	03-28-06
Laboratory Number:	36618	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	03-28-06
Condition:	N/A	Date Digested:	03-27-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.221	0.220	0.5%	0% - 30%
Barium	ND	ND	0.001	56.8	56.6	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.010	0.010	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.664	0.663	0.2%	0% - 30%
Lead	ND	ND	0.001	1.51	1.49	1.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.221	0.719	99.7%	80% - 120%
Barium	0.500	56.8	57.2	99.8%	80% - 120%
Cadmium	0.500	0.010	0.510	100.0%	80% - 120%
Chromium	0.500	0.664	1.16	99.7%	80% - 120%
Lead	0.500	1.51	2.00	99.5%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils, SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 36618 - 36619.**

Analyst

Review

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APR-21-2006 08:49 XTO 505 564 6700 P.09

District I
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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: Conoco Phillips
	5. Originating Site: State Com S #15
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit H, Section 36, T32N, R12W, San Juan County, NM	Project #96052-371

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with compressor oil from legacy compressor leaks during operations.
CWS, and Analytical attached.

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

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: December 14, 2005
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Jerry Sutton TITLE: Enviro/Engr DATE: 5/4/06

APPROVED BY: Ed Martin TITLE: ENVIRO ENGR. DATE: 5-5-06

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): State Com S #15 API # 30-045-60084 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit H, Section 36, T32N, R12W 1665' FNL & 925' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 40+ cubic yards soil stained with compressor oil from legacy compressor leaks during operations. RCRA metals analysis performed on two samples on 12/12/05 revealed the following levels (highest of the two): Arsenic 0.133 mg/Kg; Barium 4.56 mg/Kg; Cadmium 0.029 mg/Kg; Chromium 0.541 mg/Kg; Lead 0.581 mg/Kg; Mercury non-detect; Selenium 0.034 mg/Kg; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
_X_RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description)

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: December 13, 2005

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-183
Sample ID:	Compressor @ Top	Date Reported:	12-12-05
Laboratory Number:	35408	Date Sampled:	12-08-05
Chain of Custody:	15197	Date Received:	12-09-05
Sample Matrix:	Soil	Date Analyzed:	12-12-05
Preservative:	N/A	Date Digested:	12-09-05
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.133**	**0.001**	**5.0**
Barium	**3.26**	**0.001**	**100**
Cadmium	**0.029**	**0.001**	**1.0**
Chromium	**0.421**	**0.001**	**5.0**
Lead	**0.489**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.026**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **State Com S.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-183
Sample ID:	Compressor @ 3'-4'	Date Reported:	12-12-05
Laboratory Number:	35409	Date Sampled:	12-08-05
Chain of Custody:	15197	Date Received:	12-09-05
Sample Matrix:	Soil	Date Analyzed:	12-12-05
Preservative:	N/A	Date Digested:	12-09-05
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.079**	**0.001**	**5.0**
Barium	**4.56**	**0.001**	**100**
Cadmium	**0.021**	**0.001**	**1.0**
Chromium	**0.541**	**0.001**	**5.0**
Lead	**0.581**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.034**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **State Com S.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-12 TM QA/AC	Date Reported:	12-12-05
Laboratory Number:	35408	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-12-05
Condition:	N/A	Date Digested:	12-09-05

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.133	0.134	0.8%	0% - 30%
Barium	ND	ND	0.001	3.26	3.28	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.029	0.029	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.421	0.423	0.5%	0% - 30%
Lead	ND	ND	0.001	0.489	0.492	0.6%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.026	0.026	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.133	0.631	99.7%	80% - 120%
Barium	0.500	3.26	3.75	99.7%	80% - 120%
Cadmium	0.500	0.029	0.529	100.0%	80% - 120%
Chromium	0.500	0.421	0.920	99.9%	80% - 120%
Lead	0.500	0.489	0.987	99.8%	80% - 120%
Mercury	0.500	ND	0.500	100.0%	80% - 120%
Selenium	0.500	0.026	0.525	99.8%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 35408 - 35409.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

15197

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	State Com S	
Sampler: Carlos Cabez	Client No. 96052-026-183	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals	8015	Btex				Remarks
Compressor @ top	12/8/05		35408	Soil	1	✓	✓	✓				
Compressor @ 3'-4'	12/8/05		35409	Soil	1	✓	✓	✓				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Kevin Johnson	12/9/05	9:40	Christine Walters	12/9/05	9:40
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Monica

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 8/8/2006	4. Generator: Conoco Phillips 5. Originating Site: Jicarilla A #20
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit E; Sec 23; T 26N; R 4W	Project #96052-611

AUG 2006 DIST. 3

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 6 cy soil impacted with used compressor oil. Compressor oil leaked onto pad and was cleaned up.

CWS attached

Estimated Volume 6 cy Known Volume (to be entered by the operator at the end of the haul) _____ bbl

SIGNATURE Morris D Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 08/04/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi. / Spec. DATE: 8/9/06

APPROVED BY: [illegible] TITLE: Envir. Engr. DATE: 8/10/06

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 8/8/2006	4. Generator: Conoco Phillips
	5. Originating Site: Jicarilla A #20
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit E; Sec 23; T 26N; R 4W	Project #96052-611

RECEIVED AUG 2006 OIL CONS. DIV. DIST. 3

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 6 cy soil impacted with used compressor oil. Compressor oil leaked onto pad and was cleaned up.

CWS attached

Estimated Volume 6 cy Known Volume (to be entered by the operator at the end of the haul) _____ bbl

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 08/04/06

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: Environ/Spec DATE: 8/8/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): Jicarilla A #20 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- E S- 23 T- 26N R- 4W** Street Address: _____
4. Source and Description of Waste **Used compressor oil leaked onto pad. Approx. 6cy Impacted soil. Transporter Foutz and Bursum.**	
5. **WO# 3999576**	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 8/4/06

ENVIRO-TECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

August 07, 2006

ConocoPhillips
Billy Camp
5525 Hwy 64
Farmington, New Mexico 87401

Phone: (505) 330-9851

Client No.: 96052-026

Dear Mr. Camp:

Enclosed are the analytical results for the sample collected from the location designated as "Jicarilla A #20". One soil sample was collected by ConocoPhillips designated personnel on 8/04/06, and delivered to the Envirotech laboratory on 8/04/06 for RCRA 8 Metal analysis.

The sample was documented on Envirotech Chain of Custody No. 1281 and was assigned Laboratory No. 38060 (Compressor Oil) for tracking purposes.

The sample was analyzed on 8/07/06 using USEPA or equivalent methods.

Should you have any questions or require additional information, please do not hesitate to contact us at (505) 632-0615.

Respectfully submitted,
Envirotech, Inc.

Christine M. Walters

Christine M. Walters
Lab Coordinator / Environmental Scientist

enc.

CMW/cmw

C:/files/labreports/ConoPhill.wpd

ENVIRO-TECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Compressor Oil	Date Reported:	08-07-06
Laboratory Number:	38060	Date Sampled:	08-04-06
Chain of Custody:	1281	Date Received:	08-04-06
Sample Matrix:	Soil	Date Analyzed:	08-07-06
Preservative:	N/A	Date Digested:	08-07-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.074**	**0.001**	**5.0**
Barium	**7.86**	**0.001**	**100**
Cadmium	**0.060**	**0.001**	**1.0**
Chromium	**0.322**	**0.001**	**5.0**
Lead	**0.459**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Jicarilla A #20**

Christine M Walters
Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-07 TM QA/AC	Date Reported:	08-07-06
Laboratory Number:	38060	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-07-06
Condition:	N/A	Date Digested:	08-07-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.074**	**0.074**	**0.0%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**7.86**	**7.89**	**0.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.060**	**0.062**	**3.3%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.322**	**0.318**	**1.2%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.459**	**0.455**	**0.9%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.074**	**0.572**	**99.7%**	**80% - 120%**
Barium	**0.500**	**7.86**	**8.35**	**99.9%**	**80% - 120%**
Cadmium	**0.500**	**0.060**	**0.559**	**99.8%**	**80% - 120%**
Chromium	**0.500**	**0.322**	**0.820**	**99.8%**	**80% - 120%**
Lead	**0.500**	**0.459**	**0.956**	**99.7%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38060**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1281

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	Jicarilla A #20	
Sampler: Billy Camp	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA metals						Remarks
Compressor Oil	8/4/06	1200	38060	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Billy Camp	8/4/06	200	Chris Walte	8/4/06	200
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Call Billy Camp 330-9851

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

san juan reproduction 578-129

verbal approval Denny Foust 5/11/06 9:37

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
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Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator: Universal Compression
	5. Originating Site: Black Hills 34-16
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Universal Compression
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; S 34; T 33N; R 8W	Project # 98059-038

2006 MAY 24 PM 1 39

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 2 bbl of legacy diesel spill contaminated soil. RCRA metals analysis performed on 5/10/2006 revealed the following levels: Arsenic0.133 mg/Kg; Barium 77.39 mg/Kg; Cadmium 0.030 mg/Kg; Chromium 0.413 mg/Kg; Lead 0.833 mg/Kg; Mercury nondetect; Selenium nondetect and Silver nondetect.

CWS and analyticals attached.

MAY 2006

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

SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: 05/10/2006

Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi. Spec. DATE: 5/17/06

APPROVED BY: Ed Martin TITLE: Envi. Engr. DATE: 5-25-06

verbal approval Denny Foust 5/11/06 9:37

District I
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District II
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District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐	4. Generator: Universal Compression 5. Originating Site: Black Hills 34-16
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Universal Compression
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; S 34; T 33N; R 8W	Project # 98059-038

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 2 bbl of legacy diesel spill contaminated soil. RCRA metals analysis performed on 5/10/2006 revealed the following levels: Arsenic0.133 mg/Kg; Barium 77.39 mg/Kg; Cadmium 0.030 mg/Kg; Chromium 0.413 mg/Kg; Lead 0.833 mg/Kg; Mercury nondetect; Selenium nondetect and Silver nondetect.

CWS and analyticals attached.

Estimated Volume 2 bbl Known Volume (to be entered by the operator at the end of the haul) _____bbl

SIGNATURE Morris D Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: 05/10/2006

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envi. Spec DATE: 5/17/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Universal Compression 3440 Morningstar Dr Farmington NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Black Hills 34-16 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): SE / SE, Sec 34 T 33N - R8W La Plata County, CO.
4. Source and Description of Waste Compressor engine oil - legacy spill under skids	

I, Ron Gottfried representative for :
Print Name

Universal Compression do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ron Gottfried

Title: Field Mech.

Phone Number: 505-486-0454

Date: 5-10-06

CHAIN OF CUSTODY RECORD

15953

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
UNIVERSIAL Compresson	BLACK Hills # 34-16	
Sampler: Bill Carter	Client No. 98059-038	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	8 RCRA Metals						Remarks
# 1	5-9-06	12:00	37087	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bill Carter	5-9-06	1:15p	[signature]	5/9/06	1:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Universal Compresson	Project #:	98059-038
Sample ID:	#1	Date Reported:	05-10-06
Laboratory Number:	37087	Date Sampled:	05-09-06
Chain of Custody:	15953	Date Received:	05-09-06
Sample Matrix:	Soil	Date Analyzed:	05-10-06
Preservative:	N/A	Date Digested:	05-10-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.133**	**0.001**	**5.0**
Barium	**77.39**	**0.001**	**100**
Cadmium	**0.030**	**0.001**	**1.0**
Chromium	**0.413**	**0.001**	**5.0**
Lead	**0.833**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Black Hills #34-16.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	05-10 TM QA/AC	Date Reported:	05-10-06
Laboratory Number:	37087	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	05-10-06
Condition:	N/A	Date Digested:	05-10-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.133	0.134	1.0%	0% - 30%
Barium	ND	ND	0.001	77.39	77.16	0.3%	0% - 30%
Cadmium	ND	ND	0.001	0.030	0.030	1.3%	0% - 30%
Chromium	ND	ND	0.001	0.413	0.418	1.2%	0% - 30%
Lead	ND	ND	0.001	0.833	0.840	0.9%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.133	0.634	100.1%	80% - 120%
Barium	0.500	77.39	77.7	99.8%	80% - 120%
Cadmium	0.500	0.030	0.503	94.9%	80% - 120%
Chromium	0.500	0.413	0.908	99.5%	80% - 120%
Lead	0.500	0.833	1.322	99.2%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.500	100.0%	80% - 120%
Silver	0.500	ND	0.501	100.2%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37087 and 37088.**

Christine M Walters
Analyst

Review

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: ConocoPhillips 5. Originating Site: San Juan 32 Fed 8 #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit L, Section 8, T 32N, R 9W San Juan County, New Mexico	Project #96052-491

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 5 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4/13/06 revealed the following levels: Arsenic 0.133 mg/Kg; Barium 10.0 mg/Kg; Cadmium 0.005 mg/Kg; Chromium 0.152 mg/Kg; Lead 0.213 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.

CWS and analytical attached

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: 04/24/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): San Juan 32 Fed 8 #1 API # 30-045-29796 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit L, Section 8, T32N, R9W 1845' FSL & 1065' FWL San Juan County, New Mexico
4. Source and Description of Waste Approximately 5 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4-13-06 revealed the following levels: Arsenic 0.133 mg/Kg; Barium 10.0 mg/Kg; Cadmium 0.005 mg/Kg; Chromium 0.152 mg/Kg; Lead 0.213 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

_X_ MSDS Information
____ RCRA Hazardous Waste Analysis
____ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: April 21, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-001-000
Sample ID:	32 Fed 8-1	Date Reported:	04-13-06
Laboratory Number:	36755	Date Sampled:	04-11-06
Chain of Custody:	15803	Date Received:	04-12-06
Sample Matrix:	Soil	Date Analyzed:	04-13-06
Preservative:	N/A	Date Digested:	04-12-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.133**	**0.001**	**5.0**
Barium	**10.0**	**0.001**	**100**
Cadmium	**0.005**	**0.001**	**1.0**
Chromium	**0.152**	**0.001**	**5.0**
Lead	**0.213**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments:

Analyst

Review

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CHAIN OF CUSTODY RECORD

15803

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips		
Sampler: LEROY SANCHEZ	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA Metals						Remarks
32 Fed 7-1A	4/11/06		36754	Soil	1	✓						Charge # 3882986
32 Fed 8-1	4/11/06		36755	"	1	✓						Charge # 3882987
												7176
												ENTERED APR 13 2006

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
LeRoy Sanchez	4/12/06	9:30	Christine M Walker	4/12/06	930
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

To: Monica

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			✓

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1301 W. Grand Avenue, Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
District IV
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: ConocoPhillips 5. Originating Site: San Juan 32 Fed Com 7 #1A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit I, Section 7, T32N, R9W San Juan County, New Mexico	Project #96052-492

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Approximately 5 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4/13/06 revealed the following levels: Arsenic 0.105 mg/Kg; Barium 9.06 mg/Kg; Cadmium non-detect; Chromium0.118 mg/Kg; Lead 0.218 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.

CWS and analytical attached

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: 04/24/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): San Juan 32 Federal Com 7 #1A API # 30-045-31267 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit I, Section 7, T32N, R9W 1495' FSL & 945' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 5 cubic yards soil stained with compressor oil from compressor leaks during operations. RCRA metals analysis performed on 4-13-06 revealed the following levels: Arsenic 0.105 mg/Kg; Barium 9.06 mg/Kg; Cadmium non-detect; Chromium 0.118 mg/Kg; Lead 0.218 mg/Kg; Mercury non-detect; Selenium non-detect; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

__X__ MSDS Information
____ RCRA Hazardous Waste Analysis
____ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: April 21, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-001-000
Sample ID:	32 Fed 7-1 A	Date Reported:	04-13-06
Laboratory Number:	36754	Date Sampled:	04-11-06
Chain of Custody:	15803	Date Received:	04-12-06
Sample Matrix:	Soil	Date Analyzed:	04-13-06
Preservative:	N/A	Date Digested:	04-12-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.105**	**0.001**	**5.0**
Barium	**9.06**	**0.001**	**100**
Cadmium	**ND**	**0.001**	**1.0**
Chromium	**0.118**	**0.001**	**5.0**
Lead	**0.218**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments:

Analyst

Review

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CHAIN OF CUSTODY RECORD

15803

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips		
Sampler: LEROY SANCHEZ	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA Metals						Remarks
32 Fed 7-1A	4/11/06		36754	Soil	1	✓						Charge # 3882986
32 Fed 8-1	4/11/06		36755	"	1	✓						Charge # 3882987
												7176
												ENTERED APR 13 2006

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
LeRoy Sanchez	4/12/06	9:30	Christine M Walker	4/12/06	930
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

To: Maxxed

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			✓

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Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ 4/25/06 Verbal Approval Received: Yes ☒ No ☒	4. Generator: Ciniza Pipe Line Company
	5. Originating Site: Lybrook Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) T23N, R7W, Section 15	Project # 06072-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Heavy tank bottoms, part of cleaning project. Non-exempt

CWS and letter of knowledge of process attached

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

SIGNATURE April E Pohl TITLE: Landfarm Manager DATE: 4/25/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Denny Foust TITLE: Envi v o/ Engr DATE: 4/25/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Ciniza Pipe Line Company 111 CR 4990 Bloomfield, NM 87413	Envirotech, County Road 7175, Bloomfield, NM 87413
3. Originating Site (name): Lybrook Station, T23N, R7W, Section 15 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Lybrook Station, T23N, R7W, Section 15
4. Source and Description of Waste Heavy tank bottoms, part of tank cleaning project. Non-exempt.	

I, Bill Robertson representative for : Ciniza Pipe Line Company
Print Name

_____ do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
X Other (description
Knowledge of process letter

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Bill Robertson

Title: Safety and Environmental Manager

Date: 4/25/06

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

July 29, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-974

Mr. Barry G. Holman
Safety and Environmental Manager
Giant Transportation
111 CR 4990
Bloomfield, New Mexico 87413

RE: CRUDE OIL PIPELINE SPILLS

Dear Mr. Townsend:

The New Mexico Oil Conservation Division (OCD) has reviewed the Giant Transportation (Giant) July 20, 1998, correspondence which presents the results of representative RCRA hazardous waste characteristic sampling of contaminated soils from pipeline related spills of crude oil. Giant requests that they be allowed to use these analyses and a statement of process knowledge for determining the soils to be RCRA non-hazardous during future crude oil pipeline spill remediations. These analyses are to be used in lieu of individual sampling of each spill event.

The above referenced request is approved with the following conditions:

1. The above representative analyses can be used in lieu of individual sampling of each spill event until further notice.

2. Giant will reference the above waste determination in all future RCRA non-exempt crude oil spill reports to the OCD.

3. Giant will notify the OCD within 24 hours of any system changes which could potentially alter the composition of any spilled crude such that RCRA hazardous waste characteristics in the spill area could be exceeded.

Please be advised that OCD approval does not relieve Giant of liability should these types of leaks and spills result in contamination of surface waters, ground waters or the environment. In addition, OCD approval does not relieve Giant of responsibility for compliance with any other federal, state or local laws and/or regulations. If you have questions please contact me at (505) 827-7152.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

xc: OCD Aztec District Office
NMED Hazardous and Radioactive Waste Bureau

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒	4. Generator: Giant Refinerys 5. Originating Site: Refinery Cooling tower #1
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 50 Road 4990 Bloomfield NM	Project # 96012-009

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept non-contact cooling tower sludge which will be cleaned out in conjunction with a turnaround

CWS and analytical results attached. The results are RCRA total metals so they fall under the divisible by 20 rule.

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

SIGNATURE Brandon Powell TITLE: Landfarm Manager DATE: February 24, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Brandon Powell TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Jerry Fant TITLE: Envir/Eng DATE: 2/28/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
SAN JUAN REFINING COMPANY dba: GIANT REFINING COMPANY BLOOMFIELD REFINERY	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico

3. Originating Site (name): REFINERY COOLING TOWER # 1

Location of the Waste (Street address &/or ULSTR): #50 COUNTY RD 4990 BLOOMFIELD NM.

attach list of originating sites as appropriate

4. Source and Description of Waste

NON-CONTACT COOLING WATER SLUDGE WHICH WILL BE CLEANED OUT IN CONJUNCTION WITH A TURNAROUND

I, JAMES R. SCHMALTZ representative for: GIANT REFINERY
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): James R Schmaltz

Title: ENVIRO MANAGER

Phone Number: (505) 632-4171

Date: 2/24/2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Giant Refinery	Project #:	96012-009
Sample ID:	1 - Cooling Tower	Date Reported:	02-15-06
Laboratory Number:	36226	Date Sampled:	02-14-06
Chain of Custody:	15547	Date Received:	02-14-06
Sample Matrix:	Solid	Date Analyzed:	02-15-06
Preservative:	N/A	Date Digested:	02-14-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**1.07**	**0.001**	**5.0**
Barium	**64.9**	**0.001**	**100**
Cadmium	**0.023**	**0.001**	**1.0**
Chromium	**12.1**	**0.001**	**5.0**
Lead	**0.617**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Bloomfield, NM.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Giant Refinery	Project #:	96012-009
Sample ID:	2 - Cooling Tower	Date Reported:	02-15-06
Laboratory Number:	36227	Date Sampled:	02-14-06
Chain of Custody:	15547	Date Received:	02-14-06
Sample Matrix:	Solid	Date Analyzed:	02-15-06
Preservative:	N/A	Date Digested:	02-14-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**2.28**	**0.001**	**5.0**
Barium	**63.1**	**0.001**	**100**
Cadmium	**0.025**	**0.001**	**1.0**
Chromium	**6.63**	**0.001**	**5.0**
Lead	**0.554**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.044**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Bloomfield, NM.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	02-15 TM QA/AC	Date Reported:	02-15-06
Laboratory Number:	36226	Date Sampled:	N/A
Sample Matrix:	Solid	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	02-15-06
Condition:	N/A	Date Digested:	02-14-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**1.07**	**1.05**	**1.9%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**64.9**	**65.0**	**0.2%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.023**	**0.023**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**12.1**	**12.1**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.617**	**0.619**	**0.3%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**1.07**	**1.56**	**99.4%**	**80% - 120%**
Barium	**0.500**	**64.9**	**65.3**	**99.8%**	**80% - 120%**
Cadmium	**0.500**	**0.023**	**0.523**	**100.0%**	**80% - 120%**
Chromium	**0.500**	**12.1**	**12.5**	**99.2%**	**80% - 120%**
Lead	**0.500**	**0.617**	**1.110**	**99.4%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.500**	**100.0%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 36226 - 36227.**

Analyst

Review

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Richardson Operating 5. Originating Site: Kirtland compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 11; T 29N; R 15W	Project # 98094-010

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept 6 bbl hydrocarbon impacted material from material segregated after OCD denial from State office. Material had been removed to lined and bermed area. RCRA metals testing completed 12/21/06 revealed the following levels: Arsenic 0.083 mg/Kg; Barium 5.39 mg/Kg; Cadmium 0.022 mg/Kg; Chromium 0.103 mg/Kg; Lead 0.217 mg/Kg; Mercury nondetect; Selenium 0.017 mg/Kg; Silver nondetect.

CWS and analyticals attached

Estimated Volume 6 bbl Known Volume (to be entered by the operator at the end of the haul) _____bbl

SIGNATURE April E Pohl TITLE: Landfarm Administrator DATE: 12/21/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BF TITLE: _____ DATE: 12-22

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Kirtland Compressor Station – Richardson Operating attach list of originating sites as appropriate	LF 2, A13 Landfarm #2, Hilltop NM
4. Source and Description of Waste	
Hydrocarbon impacted soil from Kirtland Compressor Station. Soil had been accepted into Landfarm after verbal approval from Aztec office of OCD, then State office denied acceptance. Soil was removed to lined, bermed area and retested for contaminants.	

I, April E Pohl representative for :
Print Name

Envirotech Inc do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
__X__RCRA Hazardous Waste Analysis
__X__Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): April E Pohl

Title: Landfarm Administrator

Phone Number: 505-632-0615

Date: 12/21/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Richardson / Envirotech	Project #:	
Sample ID:	Soil	Date Reported:	12-21-06
Laboratory Number:	39555	Date Sampled:	12-19-06
Chain of Custody:	1872	Date Received:	12-20-06
Sample Matrix:	Soil	Date Analyzed:	12-21-06
Preservative:	N/A	Date Digested:	12-21-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.083**	**0.001**	**5.0**
Barium	**5.39**	**0.001**	**100**
Cadmium	**0.022**	**0.001**	**1.0**
Chromium	**0.103**	**0.001**	**5.0**
Lead	**0.217**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **LF OCD Denial - Resampling Soil**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-21 TM QA/AC	Date Reported:	12-21-06
Laboratory Number:	39551	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-21-06
Condition:	N/A	Date Digested:	12-21-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.058**	**0.060**	**3.4%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**47.4**	**47.2**	**0.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.051**	**0.051**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.065**	**0.068**	**4.6%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.831**	**0.834**	**0.4%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**0.005**	**0.005**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.058**	**0.556**	**99.6%**	**80% - 120%**
Barium	**0.500**	**47.4**	**48.1**	**100.4%**	**80% - 120%**
Cadmium	**0.500**	**0.051**	**0.550**	**99.8%**	**80% - 120%**
Chromium	**0.500**	**0.065**	**0.563**	**99.6%**	**80% - 120%**
Lead	**0.500**	**0.831**	**1.32**	**99.2%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Silver	**0.500**	**0.005**	**0.504**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 39551 - 39553, 39555**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1872

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Richardson / Envirotech	LF	

Sampler:	Client No.	
Jim Cardenas	Envirotech	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals						Remarks
Soil	12/19/06	12:30 p.m.	39555	soil	1							
OCD denial - resampling soil												

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
April E Pohl	12/20/06	11:15 am.		12/20/06	11:15
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: The Hanover Company
	5. Originating Site: Thompson Compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 4; T 30N; R 12W	Project #99043-032

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil from spill cleanup on site. Soil contaminated with used compressor oil mixed with gravel. Oil was released from gas blowdown piping (vent). RCRA 8 metals testing completed 12/20/06 revealed the following levels: Arsenic 0.124 mg/Kg; Barium 4.29 mg/Kg; Cadmium 0.046 mg/Kg; Chromium 0.164 mg/Kg; Lead 0.414 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS, MSDS for Mobil Pegasus 505 and analyticals attached.

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE April E Pohl TITLE: Landfarm Administrator DATE: 12/18/06/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 12-22

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER COMPRESSION 1280 TROY KING FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): THAMPSON COMPRESSOR STATION attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): SEC 4 T 30N R 12W
4. Source and Description of Waste: USED COMPRESSOR OIL MIXED WITH GRAVEL. OIL WAS RELEASED FROM GAS BLOWDOWN PIPING (VENT).	

I, MICHAEL BARCAS (Print Name) representative for :

HANOVER COMPRESSION do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Barcas

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 12/18/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-032
Sample ID:	#1	Date Reported:	12-20-06
Laboratory Number:	39541	Date Sampled:	12-18-06
Chain of Custody:	1868	Date Received:	12-19-06
Sample Matrix:	Soil	Date Analyzed:	12-20-06
Preservative:	N/A	Date Digested:	12-19-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.124**	**0.001**	**5.0**
Barium	**4.29**	**0.001**	**100**
Cadmium	**0.046**	**0.001**	**1.0**
Chromium	**0.164**	**0.001**	**5.0**
Lead	**0.414**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Thompson Comp Sta**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-20 TM QA/AC	Date Reported:	12-20-06
Laboratory Number:	39541	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-20-06
Condition:	N/A	Date Digested:	12-19-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.124**	**0.122**	**1.6%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**4.29**	**4.33**	**0.9%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.046**	**0.046**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.164**	**0.168**	**2.4%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.414**	**0.417**	**0.7%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.124**	**0.622**	**99.7%**	**80% - 120%**
Barium	**0.500**	**4.29**	**4.76**	**99.4%**	**80% - 120%**
Cadmium	**0.500**	**0.046**	**0.545**	**99.8%**	**80% - 120%**
Chromium	**0.500**	**0.164**	**0.661**	**99.5%**	**80% - 120%**
Lead	**0.500**	**0.414**	**0.911**	**99.7%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 39541**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1868

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
HANOVER COMPRESSION	Thompson Comp Sta	
Sampler: Bill Carter	Client No. 99043-032	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8						Remarks
# 1	12-18-06	300pm	39541	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Bill Carter	12-19-06	700 Am	[signature]	12/19/06	7 00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

ExxonMobil

605816-00 MOBIL PEGASUS 505
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 505

SUPPLIER: EXXONMOBIL CORPORATION

3225 GALLOWS RD.

FAIRFAX, VA 22037

24 - Hour Health and Safety Emergency (call collect): 609-737-4411

24 - Hour Transportation Emergency (Primary) CHEMTREC: 800-424-9300

(Secondary) 281-834-3296

Product and Technical Information:

Lubricants and Specialties: 800-662-4525 800-443-9966

Fuels Products: 800-947-9147

MSDS Fax on Demand: 613-228-1467

MSDS Internet Website: http://emmsds.ihssolutions.com/

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: SEVERE TREAT MIN. OILS & ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

Substance Name	Approx. Wt%
SULFONIC ACIDS, PETROLEUM,	1-5

CALCIUM SALTS (SYNTHETIC)
(61789-86-4)

OTHER INGREDIENTS:

Substance Name	Approx. Wt%
POLY BUTENYL SUCCINIMIDE	1-5

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15).

EMERGENCY OVERVIEW: Dark Amber Liquid. DOT ERG No. : NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

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. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if

discomfort occurs. Do not induce vomiting.

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.

COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 232(450) (ASTM D-92).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center 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:

LAND SPILL: Shut off source taking normal safety precautions. Take

measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

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: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove.
Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should

be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:
When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist)- ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)
VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.
RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.
EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.
SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.
APPEARANCE: Liquid
COLOR: Dark Amber
ODOR: Mild
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 288(550)

MELTING POINT C(F): NA
FLASH POINT C(F): > 232(450) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: < 0.1
VAPOR DENSITY: > 2.0
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.887
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: 126.0
VISCOSITY AT 100 C, cSt: 13.3
POUR POINT C(F): < -15(5)
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES
FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
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). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components

in this formulation and/or materials of similar composition.

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: 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 various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

Not expected to be sensitizing based on tests of this product, components, or similar products.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this assessment is based on information for representative products.

ECOTOXICITY: Available ectoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. 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 an appropriate government 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. The unused product is not formulated with substances covered 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.
STATIC ACCUMULATOR (50 picosiemens or less): YES

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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 subject to the supplier notification requirements of 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
PHOSPHORODITHOIC ACID, O,O-DI	68649-42-3	22
C1-14-ALKYL ESTERS, ZINC SALTS (2: 1) (ZDDP) (0.26%)		

— REGULATORY LISTS SEARCHED —

1=ACGIH ALL 6=IARC 1 11=TSCA 4 16=CA P65 CARC 21=LA RTK
2=ACGIH A1 7=IARC 2A 12=TSCA 5a2 17=CA P65 REPRO 22=MI 293
3=ACGIH A2 8=IARC 2B 13=TSCA 5e 18=CA RTK 23=MN RTK
4=NTP CARC 9=OSHA CARC 14=TSCA 6 19=FL RTK 24=NJ RTK
5=NTP SUS 10=OSHA Z 15=TSCA 12b 20=IL RTK 25=PA RTK
26=RI RTK

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: NATURAL GAS ENGINE OIL

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

****

For Internal Use Only: MHC: 1* 1* 1* 1* 1*, MPPEC: A, TRN: 605816-00, ELIS: 400274, CMCS97: 970607, REQ: US - MARKETING, SAFE USE: L
EHS Approval Date: 19SEP2002

****

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Legally required information is given in accordance with applicable 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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Bear Acquisitions 5. Originating Site: 1600 W Broadway Bloomfield NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) : 1600 W Broadway Bloomfield NM	Project # 06103-003

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

SECOND REQUEST

Accept material with historical contamination of oilfield yard associated with diesel tank. Full TCLP testing done 12/15/06 revealed the following levels: Arsenic 0.029 mg/Kg; Barium 1.05 mg/Kg; Cadmium 0.003 mg/Kg; Chromium 0.005 mg/Kg; Lead 0.005 mg/Kg; Mercury nondetect; Selenium 0.024 mg/Kg; Silver 0.001 mg/Kg.

CWS, analyticals of 12/15/06 attached

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

SIGNATURE Morris D. Young TITLE: President DATE: 12/19/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 12-19

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Bear Acquisitions LLC P.O. Box 2058 Farmington, NM 87499	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Oilfield Storage Yard attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 1600 Blk W. Broadway Blvd. Bloomfield, NM 87413
4. Source and Description of Waste: Historical Contamination of oilfield yard associated with a diesel tank.	

I, William J. Holcomb representative for :
Print Name

Bear Acquisitions, LLC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
X RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): W.J. Holcomb

Title: President

Phone Number: (505) 326-0550 (cell) 330-2473 (fax) 505.326.2149

Date: 11/30/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#3	Date Reported:	12-15-06
Lab ID#:	39511	Date Sampled:	12-14-06
Sample Matrix:	Soil	Date Received:	12-14-06
Preservative:	Cool	Date Analyzed:	12-14-06
Condition:	Cool and Intact	Chain of Custody:	1857

Parameter	Result
IGNITABILITY:	**Negative**
CORROSIVITY:	**Negative** **pH = 8.84**
REACTIVITY:	**Negative**

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Bloomfield**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#3	Date Reported:	12-15-06
Laboratory Number:	39511	Date Sampled:	12-14-06
Chain of Custody:	1857	Date Received:	12-14-06
Sample Matrix:	TCLP Extract	Date Extracted:	12-14-06
Preservative:	Cool	Date Analyzed:	12-15-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	**99.6%**
	1,4-difluorobenzene	**99.9%**
	4-bromochlorobenzene	**99.8%**

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

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

Comments: **Bloomfield**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#3	Date Reported:	12-18-06
Laboratory Number:	39511	Date Sampled:	12-14-06
Chain of Custody:	1857	Date Received:	12-14-06
Sample Matrix:	TCLP Extract	Date Extracted:	12-14-06
Preservative:	Cool	Date Analyzed:	12-18-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	**100%**
	2,4,6-Tribromophenol	**99%**

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. 1986.

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

Comments: **Bloomfield**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091
Nitroaromatics and Cyclic Ketones

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#3	Date Reported:	12-18-06
Laboratory Number:	39511	Date Sampled:	12-14-06
Chain of Custody:	1857	Date Received:	12-14-06
Sample Matrix:	TCLP Extract	Date Extracted:	12-14-06
Preservative:	Cool	Date Analyzed:	12-18-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection 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.

Surrogate Recoveries:	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 8091, 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: **Bloomfield**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#3	Date Reported:	12-15-06
Laboratory Number:	39511	Date Sampled:	12-14-06
Chain of Custody:	1857	Date Received:	12-14-06
Sample Matrix:	TCLP Extract	Date Analyzed:	12-15-06
Preservative:	Cool	Date Extracted:	12-14-06
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.029**	**0.001**	**5.0**
Barium	**1.05**	**0.001**	**100**
Cadmium	**0.003**	**0.001**	**1.0**
Chromium	**0.005**	**0.001**	**5.0**
Lead	**0.005**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.024**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Bloomfield**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8260
AROMATIC / HALOGENATED VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-15-TCV QA/QC	Date Reported:	12-15-06
Laboratory Number:	39425	Date Sampled:	N/A
Sample Matrix:	N/A	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-15-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Concentration (mg/L)	Detection Limit	Laboratory Blank	Method Blank	Sample Conc.	Duplicate Conc.	Percent Difference
Vinyl Chloride	0.0001	ND	ND	ND	ND	0.0%
1,1-Dichloroethene	0.0001	ND	ND	ND	ND	0.0%
2-Butanone (MEK)	0.0001	ND	ND	ND	ND	0.0%
Chloroform	0.0001	ND	ND	ND	ND	0.0%
Carbon Tetrachloride	0.0001	ND	ND	ND	ND	0.0%
Benzene	0.0001	ND	ND	ND	ND	0.0%
1,2-Dichloroethane	0.0001	ND	ND	ND	ND	0.0%
Trichloroethene	0.0003	ND	ND	ND	ND	0.0%
Tetrachloroethene	0.0005	ND	ND	ND	ND	0.0%
Chlorobenzene	0.0003	ND	ND	ND	ND	0.0%
1,4-Dichlorobenzene	0.0002	ND	ND	ND	ND	0.0%

Matrix Spike Concentration (mg/L)	Amount Spiked	Sample Result	Spike Result	Percent Recovery	Acceptable Range
Vinyl Chloride	0.1000	ND	0.0999	99.9%	26-163
1,1-Dichloroethene	0.1000	ND	0.1000	100%	43-143
2-Butanone (MEK)	0.1000	ND	0.100	100%	47-132
Chloroform	0.1000	ND	0.100	100%	49-133
Carbon Tetrachloride	0.1000	ND	0.0999	99.9%	43-143
Benzene	0.1000	ND	0.100	100%	39-150
1,2-Dichloroethane	0.1000	ND	0.0998	99.8%	51-147
Trichloroethene	0.1000	ND	0.0993	99.3%	35-146
Tetrachloroethene	0.1000	ND	0.0999	99.9%	26-162
Chlorobenzene	0.1000	ND	0.0994	99.4%	38-150
1,4-Dichlorobenzene	0.1000	ND	0.0999	99.9%	42-143

References:
Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 39425, 39480, 39511**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-18-TCA QA/QC	Date Reported:	12-18-06
Laboratory Number:	39425	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-18-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
o-Cresol	**ND**	**ND**	**0.020**	**0.028**	**0.028**	**0.0%**
p,m-Cresol	**ND**	**ND**	**0.040**	**ND**	**ND**	**0.0%**
2,4,6-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
2,4,5-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Pentachlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**

ND - Parameter not detected at the stated detection limit.

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 8041, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for samples 39425, 39480, 39511**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091

Nitroaromatics and Cyclic Ketones

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	12-18-TBN QA/QC	Date Reported:	12-18-06
Laboratory Number:	39425	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-18-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
Pyridine	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Hexachloroethane	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Nitrobenzene	**ND**	**ND**	**0.020**	**0.641**	**0.643**	**0.1%**
Hexachlorobutadiene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
2,4-Dinitrotoluene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
HexachloroBenzene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**

ND - Parameter not detected at the stated detection limit.

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 8091, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for samples 39425, 39480, 39511**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	12-15-TCM QA/QC	Date Reported:	12-15-06
Laboratory Number:	39511	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	12-15-06
Condition:	N/A	Date Extracted:	N/A

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.029**	**0.028**	**3.4%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**1.05**	**1.04**	**1.0%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.003**	**0.003**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.005**	**0.005**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.005**	**0.005**	**0.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**0.024**	**0.024**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**0.001**	**0.001**	**0.0%**	**0% - 30%**

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.029**	**0.528**	**99.8%**	**80% - 120%**
Barium	**0.500**	**1.05**	**1.54**	**99.4%**	**80% - 120%**
Cadmium	**0.500**	**0.003**	**0.503**	**100.0%**	**80% - 120%**
Chromium	**0.500**	**0.005**	**0.504**	**99.8%**	**80% - 120%**
Lead	**0.500**	**0.005**	**0.505**	**100.0%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**
Selenium	**0.500**	**0.024**	**0.523**	**99.8%**	**80% - 120%**
Silver	**0.500**	**0.001**	**0.500**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 39511**

Analyst

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CHAIN OF CUSTODY RECORD

1857

Client / Project Name	Project Location
Bear Acquisitions	Bloomfield
Sampler: J Thompson	Client No. 06103-003

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP						Remarks
#3	14-Dec	0945	39511	Soil	1	X						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J Thompson	14-Dec	1000	Blair Wall	12/14/06	1000
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Brandon Powell w/OCD on 12-28-06	4. Generator: Conoco Phillips 5. Originating Site: Argenta Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Flint
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 4; T 33N; R 10W	Project #96052-726

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 5 cy impacted soil from regulatory cleaning. RCRA 8 metals on soil around skid drain tank, completed 12/21/06, revealed the following levels: Arsenic 0.013 mg/Kg; Barium 46.8 mg/Kg; Cadmium 0.029 mg/Kg; Chromium 0.051 mg/Kg; Lead 0.698 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.005 mg/Kg. RCRA 8 metals on contents of tank, completed on 12/21/06, on revealed the following levels: Arsenic 0.058 mg/Kg; Barium 47.4 mg/Kg; Cadmium 0.051 mg/Kg; Chromium 0.065 mg/Kg; Lead 0.831 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.005 mg/Kg. RCRA 8 metals on 4 point composite sample of soil in compressor area, completed on 12/21/06, revealed the following levels: Arsenic 0.074 mg/Kg; Barium 49.2 mg/Kg; Cadmium 0.052 mg/Kg; Chromium 0.101 mg/Kg; Lead 0.563 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.004 mg/Kg.

CWS and analyticals attached

Estimated Volume 5 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE April E Pohl TITLE: Landfarm Administrator DATE: 12/26/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: April E Pohl TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 12/28/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **Argenta Compressor Station hCOP**	Location of the Waste (Street address &/or ULSTR): **S- 04 T- 33N R- 10W**
4. Source and Description of Waste **Site clean up around compressors and a compressor skid drain tank. Attached are 3 soil sample analyses: one for the contents of the skid drain tank, one for the soils around the skid drain tank, and one composite sample taken from 4 locations around the compressors.**	
5. WO WAN.RFE.CV06.ST.33	

I, Ed Hasely representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

X _**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
__X_RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ed Hasely

Title: Env. Rep
Date: 12/27/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-312
Sample ID:	Tank Content	Date Reported:	12-21-06
Laboratory Number:	39551	Date Sampled:	12-20-06
Chain of Custody:	1873	Date Received:	12-20-06
Sample Matrix:	Soil	Date Analyzed:	12-21-06
Preservative:	N/A	Date Digested:	12-21-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.058**	**0.001**	**5.0**
Barium	**47.4**	**0.001**	**100**
Cadmium	**0.051**	**0.001**	**1.0**
Chromium	**0.065**	**0.001**	**5.0**
Lead	**0.831**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.005**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Argenta CDP**

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-312
Sample ID:	Tank Area	Date Reported:	12-21-06
Laboratory Number:	39552	Date Sampled:	12-20-06
Chain of Custody:	1873	Date Received:	12-20-06
Sample Matrix:	Soil	Date Analyzed:	12-21-06
Preservative:	N/A	Date Digested:	12-21-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.013**	**0.001**	**5.0**
Barium	**46.8**	**0.001**	**100**
Cadmium	**0.029**	**0.001**	**1.0**
Chromium	**0.051**	**0.001**	**5.0**
Lead	**0.698**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.005**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Argenta CDP**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-312
Sample ID:	Comp Area	Date Reported:	12-21-06
Laboratory Number:	39553	Date Sampled:	12-20-06
Chain of Custody:	1873	Date Received:	12-20-06
Sample Matrix:	Soil	Date Analyzed:	12-21-06
Preservative:	N/A	Date Digested:	12-21-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.074**	**0.001**	**5.0**
Barium	**49.2**	**0.001**	**100**
Cadmium	**0.052**	**0.001**	**1.0**
Chromium	**0.101**	**0.001**	**5.0**
Lead	**0.563**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.004**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Argenta CDP**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-21 TM QA/AC	Date Reported:	12-21-06
Laboratory Number:	39551	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-21-06
Condition:	N/A	Date Digested:	12-21-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.058	0.060	3.4%	0% - 30%
Barium	ND	ND	0.001	47.4	47.2	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.051	0.051	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.065	0.068	4.6%	0% - 30%
Lead	ND	ND	0.001	0.831	0.834	0.4%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.005	0.005	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.058	0.556	99.6%	80% - 120%
Barium	0.500	47.4	48.1	100.4%	80% - 120%
Cadmium	0.500	0.051	0.550	99.8%	80% - 120%
Chromium	0.500	0.065	0.563	99.6%	80% - 120%
Lead	0.500	0.831	1.32	99.2%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.499	99.8%	80% - 120%
Silver	0.500	0.005	0.504	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 39551 - 39553, 39555**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1873

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	Argenta CDP	
Sampler: F. McDonald	Client No. 96052-026-312	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RLPA-B					Remarks
Tank Content	12/20/06	13:00	39551	Soil	1	X					
Tank Area	"	13:05	39552	"	1	X					
Comp Area	"	13:10	39553	"	1	X					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
F. McDonald	12/20/06	14:10	Glenn C. Spencer	12/20/06	14:10
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Charge Code:
WAN. RFE. CYCL. ST. 33

Results to G. Wurtz

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	X		
Cool - Ice/Blue Ice	X		

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BRANDON POWELL 8/1/06**	4. Generator: Burlington Resources 5. Originating Site: San Juan 32-9 #115
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit l; Sec 1, T 31N; R 10W	Project #92115-096

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept hydrocarbon impacted soil from a cleanup of a small spill of new compressor oil.

CWS and MSDS for Exxon Mobil Pegasus 805 attached.

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

SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: 08/01/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: Enviro Spec DATE: 8/9/06

APPROVED BY: _____ TITLE: _____ DATE: _____

92115-096

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Burlington Resources **3401 E 30th. St.** **Farmington, New Mexico 87499**	**Envirotech Inc. Soil Remediation Facility** **Landfarm #2** **Hilltop, NM** **Phone # 505-632-0615 Fax No# 505-632-1865**
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
San Juan 32-9 Unit #115	UL- _L__ S- __1_ T- __31N___ R- __10W____or attach list Street Address: _____
attach list of originating sites as appropriate	
4. Source and Description of Waste **Hydrocarbon impacted soil from the cleanup of a small spill of new compressor oil.**	
5.	

I, ____Ed Hasely_____ _____representative for :
Print Name

____ConocoPhillips_____do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

__X__MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ed Hasely

Title: **Env. Rep**
Date: **8/1/06**

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
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CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Burlington Resources **3401 E 30th. St.** **Farmington, New Mexico 87499**	**Envirotech Inc. Soil Remediation Facility** **Landfarm #2** **Hilltop, NM** **Phone # 505-632-0615 Fax No# 505-632-1865**
3. Originating Site (name): **San Juan 32-9 Unit #115** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): UL- _L__ S- __1_ T- __31N___ R- __10W____or attach list Street Address: _____
4. Source and Description of Waste **Hydrocarbon impacted soil from the cleanup of a small compressor oil spill**	
5.	

I, Ed Hasely representative for:
Print Name

ConocoPhillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

__X__**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

__X__MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ed Hasely ED HASELEY 326-9841

Title: Env. Rep
Date: 8/1/06

599-4005 Ed Hasely

ExxonMobil

SJ 32-9 # 115

602466-00 MOBIL PEGASUS 805
MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 805
SUPPLIER: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037

24 - Hour Health and Safety Emergency (call collect): 609-737-4411

24 - Hour Transportation Emergency:
CHEMTREC: 800-424-9300 202-483-7616
LUBES AND FUELS: 281-834-3296

Product and Technical Information:
Lubricants and Specialties: 800-662-4525 800-443-9966
Fuels Products: 800-947-9147
MSDS Fax on Demand: 613-228-1467
MSDS Internet Website: http://emmsds.ihssolutions.com/

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

OTHER INGREDIENTS:

Substance Name	Approx. Wt%
POLY BUTENYL SUCCINIMIDE	1-5

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15)..

EMERGENCY OVERVIEW: Light Amber Liquid. **DOT ERG No. :** NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

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. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

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.

COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 245(473) (ASTM D-92).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center 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:

LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by

pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.
ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.
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: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.
SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.
EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist)- ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.
RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.
EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.
SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices

should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Liquid
COLOR: Light Amber
ODOR: Marketable
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 288(550)
MELTING POINT C(F): NA
FLASH POINT C(F): > 245(473) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: < 0.1
VAPOR DENSITY: > 2.0
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.89
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: 130.0
VISCOSITY AT 100 C, cSt: 13.5
POUR POINT C(F): < -12(10)
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
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). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: 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 various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

Not expected to be sensitizing based on tests of this product, components, or similar products.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this

assessment is based on information for representative products.

ECOTOXICITY: Available ectoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. 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 an appropriate government 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. The unused product is not formulated with substances covered 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.

STATIC ACCUMULATOR (50 picosiemens or less): YES

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in

accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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 subject to the supplier notification requirements of 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
PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP) (0.33%)	68649-42-3	22

--- REGULATORY LISTS SEARCHED ---

1=ACGIH ALL	6=IARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293
3=ACGIH A2	8=IARC 2B	13=TSCA 5e	18=CA RTK	23=MN RTK
4=NTP CARC	9=OSHA CARC	14=TSCA 6	19=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: ENGINE LUBRICANT

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

****
For Internal Use Only: MHC: 1* 1* 1* 1* 1*, MPPEC: A, TRN: 602466-00, ELIS: 400795, CMCS97: 97D936, REQ: US - MARKETING, SAFE USE: L
EHS Approval Date: 24SEP2002
****

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. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Exxon Mobil Corporation and its affiliated companies assume no responsibility for accuracy of information unless the document is the most current available from an official ExxonMobil distribution system. Exxon Mobil Corporation and its affiliated companies neither represent nor warrant that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

Prepared by: ExxonMobil Oil Corporation
Environmental Health and Safety Department, Clinton, USA

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **Verbal approval from Brandon Powell 7/28/2006**	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 29-6 #245
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit B; Sec 8; T 29N; R 6W Rio Arriba County	Project #96052-576

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 10 cy soil contaminated with used compressor oil washed off of skid. RCRA 8 metals testing done 6/28/06 revealed the following levels: Arsenic 0.082 mg/Kg; Barium 2.92 mg/Kg; Cadmium 0.034 mg/Kg; chromium 0.124 mg/Kg; Lead 0.258 mg/Kg; Mercury 0.002 mg/Kg; Selenium nondetect; Silver 0.001 mg/Kg.

CWS and analyticals attached

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: 07/27/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: Enviro/Spec DATE: 8/9/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address ConocoPhillips Highway 64. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico (505) 632-1865
3. Originating Site (name): **San Juan 29-6 #245** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- B S- 36 T- 29N R- 10W** Street Address: _____
4. Source and Description of Waste Contaminated soil from used compressor oil washed off from skids. 10cy soil.	
5. #WO 3935112	

I, Gregg Wurtz representative for :
Print Name

Burlington Resources do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

X **EXEMPT** oilfield waste

___**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wartz

Title: Env. Rep
Date: 7/28/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026- 239
Sample ID:	Compressor	Date Reported:	07-01-06
Laboratory Number:	37626	Date Sampled:	06-28-06
Chain of Custody:	1152	Date Received:	06-30-06
Sample Matrix:	Soil	Date Analyzed:	07-01-06
Preservative:	N/A	Date Digested:	06-30-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.082**	**0.001**	**5.0**
Barium	**2.92**	**0.001**	**100**
Cadmium	**0.034**	**0.001**	**1.0**
Chromium	**0.124**	**0.001**	**5.0**
Lead	**0.258**	**0.001**	**5.0**
Mercury	**0.002**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 29 - 6 #245.**

Analyst

Review

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

iROTECH LABS

ICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	07-01 TM QA/AC	Date Reported:	07-01-06
Laboratory Number:	37624	Date Sampled:	N/A
Sample Matrix:	Solid	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-01-06
Condition:	N/A	Date Digested:	06-30-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.347	0.350	0.9%	0% - 30%
Barium	ND	ND	0.001	75.7	75.6	0.1%	0% - 30%
Cadmium	ND	ND	0.001	0.471	0.475	0.8%	0% - 30%
Chromium	ND	ND	0.001	8.26	8.29	0.4%	0% - 30%
Lead	ND	ND	0.001	6.27	6.30	0.5%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.347	0.846	99.9%	80% - 120%
Barium	0.500	75.7	76.1	99.9%	80% - 120%
Cadmium	0.500	0.471	0.969	99.8%	80% - 120%
Chromium	0.500	8.26	8.77	100.1%	80% - 120%
Lead	0.500	6.27	6.75	99.7%	80% - 120%
Mercury	0.500	ND	0.500	100.0%	80% - 120%
Selenium	0.500	ND	0.499	99.8%	80% - 120%
Silver	0.500	0.006	0.505	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37624, 37626.**

Analyst

Review

CHAIN OF CUSTODY RECORD

1152

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	SJ 29-6 #245	
Sampler: F. McDonald	Client No. 96052-026-239	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8						Remarks
Compressor	6/29/06	11:00	37626	Soil	1 & 4oz	X						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
F. McDonald	6/30/06	9:00	Mustine M Walker	6/30/06	900
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Charge Code: 3935112

ENTERED JUL 06 2006 7995

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐ Verbal approval - Brandon Powell 8/18/06	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 31-6 #206
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit B; Sec 4; T 30N; R 6W	Project #96052-616

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept impacted soil from clean up of minor spills around compressor. During past operations compressor oil had overflowed the skid rails. RCRA testing 8/16/06 revealed the following levels: Arsenic 0.077 mg/Kg; Barium 6.45 mg/Kg; Cadmium 0.066 mg/Kg; Chromium 0.130 mg/Kg; Lead 0.409 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS attached

Estimated Volume ____ bbl Known Volume (to be entered by the operator at the end of the haul) ____ bbl

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: 08/17/06

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: ____ DATE: 8/21/06

APPROVED BY: ____ TITLE: ____ DATE: ____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **San Juan 31-6 #206** **API# 3003924445** **hCOP** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- N S- 4 T- 30N R- 6W** **Rio Arriba County, New Mexico** Street Address: _____
4. Source and Description of Waste **Impacted soil from clean up of minor spills around compressor skid. During past operations compressor oil had overflowed the skid rails. Soil has been tested by EnviroTech.**	

I, Ed Hasely representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
__X__ RCRA Hazardous Waste Analysis
___ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): E Hasely

Title: Env. Rep
Date: 8/17/06

96052-616

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-616
Sample ID:	Compressor Soil	Date Reported:	08-16-06
Laboratory Number:	38165	Date Sampled:	08-14-06
Chain of Custody:	1343	Date Received:	08-15-06
Sample Matrix:	Soil	Date Analyzed:	08-15-06
Preservative:	N/A	Date Digested:	08-15-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.077**	**0.001**	**5.0**
Barium	**6.45**	**0.001**	**100**
Cadmium	**0.066**	**0.001**	**1.0**
Chromium	**0.130**	**0.001**	**5.0**
Lead	**0.409**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **31-6 #206.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-15 TM QA/AC	Date Reported:	08-16-06
Laboratory Number:	38158	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-15-06
Condition:	N/A	Date Digested:	08-15-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.059	0.054	8.5%	0% - 30%
Barium	ND	ND	0.001	11.8	11.71	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.056	0.051	8.9%	0% - 30%
Chromium	ND	ND	0.001	0.148	0.150	1.5%	0% - 30%
Lead	ND	ND	0.001	0.302	0.302	0.1%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.059	0.555	99.4%	80% - 120%
Barium	0.500	11.8	12.1	98.5%	80% - 120%
Cadmium	0.500	0.056	0.556	100.0%	80% - 120%
Chromium	0.500	0.148	0.638	98.4%	80% - 120%
Lead	0.500	0.302	0.803	100.1%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.500	100.0%	80% - 120%
Silver	0.500	0.001	0.502	100.2%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 38158 and 38165.**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1343

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	31-6 # 204	

Sampler:	Client No.	
P. Esthack	96052 - ~~0226~~ 6116	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 METALS						Remarks
Compressor Soil	8/1/06	10:00 Am	38165	SOIL	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Peter Esthack	8/15/06	8:00 Am	Shirley Vanlandingham	8/16/06	
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

CHARGE CODE:
WAN, RFE, PD06.07

CALL:
Peter Esthack 360-8964

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 6/29/06	4. Generator: Richardson Operating 5. Originating Site: Kirtland compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 11; T 29N; R 15W	Project # 98094-010

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with oil spilt from compressor

CWS and analyticals attached

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: June 29, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: Envi. Spec DATE: 6/29/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Richardson Operating Company 5600 S. Quebec St. Suite 13013 Greenwood Village, CO 80111	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Compressor Station attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): CR6678 & CR6675 NW Sec. 11 - T29N - R15W
4. Source and Description of Waste Oil spilt from compressor.	

I, John A. Heinle (Print Name) representative for :

Richardson Operating Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

XX **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
X RCRA Hazardous Waste Analysis
X Chain of Custody
X Other (description TCLP

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): John A Heinle

Title: Land / Engineering

Phone Number: 303 · 830 · 8000

Date: 6 / 29 / 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Richardson Operation	Project #:	98094-010
Sample ID:	Compressor Pad on Loacation	Date Reported:	06-27-06
Lab ID#:	37548	Date Sampled:	06-22-06
Sample Matrix:	Soil	Date Received:	06-22-06
Preservative:	Cool	Date Analyzed:	06-23-06
Condition:	Cool and Intact	Chain of Custody:	1096

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 8.07**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments: **Kirtland, N.M. 87417.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	Richardson Operation	Project #:	98094-010
Sample ID:	Compressor Pad on Location	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	06-22-06
Chain of Custody:	1096	Date Received:	06-22-06
Sample Matrix:	TCLP Extract	Date Extracted:	06-23-06
Preservative:	Cool	Date Analyzed:	06-28-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	**99.8%**
	1,4-difluorobenzene	**99.9%**
	4-bromochlorobenzene	**99.8%**

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

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

Comments: **Kirtland, N.M. 87417.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS

Client:	Richardson Operation	Project #:	98094-010
Sample ID:	Compressor Pad on Location	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	06-22-06
Chain of Custody:	1096	Date Received:	06-22-06
Sample Matrix:	TCLP Extract	Date Extracted:	06-23-06
Preservative:	Cool	Date Analyzed:	06-28-06
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	**99.4%**
	2,4,6-Tribromophenol	**99.6%**

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. 1986.

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

Comments: **Kirtland, N.M. 87417.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091
Nitroaromatics and Cyclic Ketones

Client:	Richardson Operation	Project #:	98094-010
Sample ID:	Compressor Pad on Location	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	06-22-06
Chain of Custody:	1096	Date Received:	06-22-06
Sample Matrix:	TCLP Extract	Date Extracted:	06-23-06
Preservative:	Cool	Date Analyzed:	06-28-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
Pyridine	**ND**	**0.020**	**5.0**
Hexachloroethane	**ND**	**0.020**	**3.0**
Nitrobenzene	**0.062**	**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.

Surrogate Recoveries:	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 8091, 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: **Kirtland, N.M. 87417.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	Richardson Operation	Project #:	98094-010
Sample ID:	Compressor Pad on Loacation	Date Reported:	06-27-06
Laboratory Number:	37548	Date Sampled:	06-22-06
Chain of Custody:	1096	Date Received:	06-22-06
Sample Matrix:	TCLP Extract	Date Analyzed:	06-27-06
Preservative:	Cool	Date Extracted:	06-23-06
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.015**	**0.001**	**5.0**
Barium	**2.18**	**0.001**	**100**
Cadmium	**0.002**	**0.001**	**1.0**
Chromium	**0.004**	**0.001**	**5.0**
Lead	**0.001**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.021**	**0.001**	**1.0**
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, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Kirtland N.M. 87417.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-28-TCV QA/QC	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	N/A
Sample Matrix:	N/A	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-28-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Concentration (mg/L)	Detection Limit	Laboratory Blank	Method Blank	Sample Conc.	Duplicate Conc.	Percent Difference
Vinyl Chloride	0.0001	ND	ND	ND	ND	0.0%
1,1-Dichloroethene	0.0001	ND	ND	ND	ND	0.0%
2-Butanone (MEK)	0.0001	ND	ND	ND	ND	0.0%
Chloroform	0.0001	ND	ND	ND	ND	0.0%
Carbon Tetrachloride	0.0001	ND	ND	ND	ND	0.0%
Benzene	0.0001	ND	ND	ND	ND	0.0%
1,2-Dichloroethane	0.0001	ND	ND	ND	ND	0.0%
Trichloroethene	0.0003	ND	ND	ND	ND	0.0%
Tetrachloroethene	0.0005	ND	ND	ND	ND	0.0%
Chlorobenzene	0.0003	ND	ND	ND	ND	0.0%
1,4-Dichlorobenzene	0.0002	ND	ND	ND	ND	0.0%

Matrix Spike Concentration (mg/L)	Amount Spiked	Sample Result	Spike Result	Percent Recovery	Acceptable Range
Vinyl Chloride	0.1000	ND	0.0999	99.9%	26-163
1,1-Dichloroethene	0.1000	ND	0.1000	100.0%	43-143
2-Butanone (MEK)	0.1000	ND	0.1000	100.0%	47-132
Chloroform	0.1000	ND	0.0998	99.8%	49-133
Carbon Tetrachloride	0.1000	ND	0.0999	99.9%	43-143
Benzene	0.1000	ND	0.1000	100.0%	39-150
1,2-Dichloroethane	0.1000	ND	0.0998	99.8%	51-147
Trichloroethene	0.1000	ND	0.0993	99.3%	35-146
Tetrachloroethene	0.1000	ND	0.0999	99.9%	26-162
Chlorobenzene	0.1000	ND	0.0994	99.4%	38-150
1,4-Dichlorobenzene	0.1000	ND	0.0999	99.9%	42-143

References:
Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

Comments: **QA/QC for sample 37548.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-28-TCAablk.chr QA/QC	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-28-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
o-Cresol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
p,m-Cresol	**ND**	**ND**	**0.040**	**ND**	**ND**	**0.00%**
2,4,6-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
2,4,5-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
Pentachlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**

ND - Parameter not detected at the stated detection limit.

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 8041, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for sample 37548.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091

Nitroaromatics and Cyclic Ketones

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	06-28-TBN QA/QC	Date Reported:	06-28-06
Laboratory Number:	37548	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-28-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
Pyridine	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
Hexachloroethane	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
Nitrobenzene	**ND**	**ND**	**0.020**	**0.062**	**0.061**	**0.10%**
Hexachlorobutadiene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
2,4-Dinitrotoluene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**
HexachloroBenzene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.00%**

ND - Parameter not detected at the stated detection limit.

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 8091, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for sample 37548.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	06-27-TCM QA/QC	Date Reported:	06-27-06
Laboratory Number:	37548	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	06-27-06
Condition:	N/A	Date Extracted:	06-23-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.015**	**0.015**	**0.0%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**2.18**	**2.15**	**1.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.002**	**0.002**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.004**	**0.004**	**0.0%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.001**	**0.001**	**0.0%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**0.021**	**0.021**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.015**	**0.516**	**100.2%**	**80% - 120%**
Barium	**0.500**	**2.18**	**2.57**	**95.9%**	**80% - 120%**
Cadmium	**0.500**	**0.002**	**0.502**	**100.0%**	**80% - 120%**
Chromium	**0.500**	**0.004**	**0.503**	**99.8%**	**80% - 120%**
Lead	**0.500**	**0.001**	**0.500**	**99.8%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**0.021**	**0.520**	**99.8%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37548 - 37551.**

Analyst

Review

CHAIN OF CUSTODY RECORD

1096

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Richardson Operation	Kirtland N.M. 87417	
Sampler:	Client No. 98094-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Total W/o Tot. P Naphthest.					Remarks
Compressor Pad on location	6/22/06	12:30pm	37548	Soil	4	↓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/22/06	1230pm		6/22/06	1230
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BY BRANDON POWELL 7/6/06**	4. Generator: The Hanover Company 5. Originating Site: Trunk A CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 5 & 8; T 29N; R 8W	Project #99043-024

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with used Exxon Mobil Pegasus 505 engine oil. RCRA 8 metal testing done 6/30/06 revealed the following levels: Arsenic 0.097 mg/Kg; Barium 13.8 mg/Kg; Cadmium 0.162 mg/Kg; Chromium 0.268 mg/Kg; Lead 0.532 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS, MSDS and analyticals attached.

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Morris D. Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: July 5, 2006

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: EnviroSpec DATE: 7/6/06

APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Hanover	Project #:	99043-024
Sample ID:	Legacy Spill	Date Reported:	07-06-06
Laboratory Number:	37631	Date Sampled:	06-30-06
Chain of Custody:	1155	Date Received:	06-30-06
Sample Matrix:	Soil	Date Analyzed:	07-06-06
Preservative:	N/A	Date Digested:	07-05-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.097**	**0.001**	**5.0**
Barium	**13.8**	**0.001**	**100**
Cadmium	**0.162**	**0.001**	**1.0**
Chromium	**0.268**	**0.001**	**5.0**
Lead	**0.532**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Trunk A CDP.**

Christine M Walters
Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	07-06 TM QA/AC	Date Reported:	07-06-06
Laboratory Number:	37631	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-06-06
Condition:	N/A	Date Digested:	07-05-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.097	0.094	3.1%	0% - 30%
Barium	ND	ND	0.001	13.8	13.7	0.7%	0% - 30%
Cadmium	ND	ND	0.001	0.162	0.166	2.5%	0% - 30%
Chromium	ND	ND	0.001	0.268	0.271	1.1%	0% - 30%
Lead	ND	ND	0.001	0.532	0.536	0.8%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.097	0.595	99.7%	80% - 120%
Barium	0.500	13.8	14.3	100.0%	80% - 120%
Cadmium	0.500	0.162	0.661	99.8%	80% - 120%
Chromium	0.500	0.268	0.766	99.7%	80% - 120%
Lead	0.500	0.532	1.03	99.8%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.497	99.4%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37631.**

Christine M Walters
Analyst

Review

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CHAIN OF CUSTODY RECORD

1155

Client / Project Name	Project Location
Hanover	Trunk A COP

Sampler:	Client No.
Jason Holden	99043-024

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals						Remarks
Legacy Spill	6/30/06	3:40	37631	Soil	1	✓						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jason Holden	6/30/06	5:25	Christine M Walker	6/30/06	1725
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER 1280 TROY KING RD. FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): WILLIAMS ENERGY SERVICES TRUNK A BOOSTER attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): SECT 5 & 8, T-29-N, R-8-W
4. Source and Description of Waste: SOIL CONTAMINATED WITH USED ENGINE OIL (EXXONMOBIL PEGASUS 505)	

I, MICHAEL BALCAR representative for :
Print Name

HANOVER do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

_X_ MSDS Information
_X_ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Michael Balcar

Title: AREA MANAGER

Phone Number: 505-566-5212

Date: 7/5/06

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: **MOBIL PEGASUS 505**
Product Description: Base Oil and Additives
Product Code: 605816-00, 970607
Intended Use: Natural gas engine oil

COMPANY IDENTIFICATION

Supplier: **EXXON MOBIL CORPORATION**
3225 GALLOWS RD.
FAIRFAX, VA. 22037 USA

24 Hour Health Emergency	609-737-4411
Transportation Emergency Phone	800-424-9300
ExxonMobil Transportation No.	281-834-3296
MSDS Requests	713-613-3661
Product Technical Information	800-662-4525, 800-947-9147
MSDS Internet Address	http://www.exxon.com, http://www.mobil.com

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Reportable Hazardous Substance(s) or Complex Substance(s)

Name	CAS#	Concentration*
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS	61789-86-4	1 - 5%

* All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume.

SECTION 3 HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15).

POTENTIAL HEALTH EFFECTS

Low order of toxicity. Excessive exposure may result in eye, skin, or respiratory irritation. High-pressure injection under skin may cause serious damage.

NFPA Hazard ID:	Health:	0	Flammability:	1	Reactivity: 0
HMIS Hazard ID:	Health:	0	Flammability:	1	Reactivity: 0

NOTE: This material should not be used for any other purpose than the intended use in Section 1 without expert advice. Health studies have shown that chemical exposure may cause potential human health risks which may vary from person to person.

SECTION 4 FIRST AID MEASURES

INHALATION

Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

SKIN CONTACT

Wash contact areas with soap and water. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Hazardous Combustion Products: Incomplete combustion products, Oxides of carbon, Smoke, Fume, Aldehydes, Sulfur oxides

FLAMMABILITY PROPERTIES

Flash Point [Method]: >232°C (450°F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D

SECTION 6 ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. U.S. regulations require reporting releases of this material to the environment which exceed the reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National

Response Center can be reached at (800)424-8802.

SPILL MANAGEMENT

Land Spill: Stop leak if you can do it without risk. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If liquid is too viscous for pumping, scrape it up with shovels into a suitable container for recycle or disposal.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

SECTION 7 HANDLING AND STORAGE

HANDLING

Prevent small spills and leakage to avoid slip hazard.

Static Accumulator: This material is a static accumulator.

STORAGE

Do not store in open or unlabelled containers.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits/standards for materials that can be formed when handling this product: When mists / aerosols can occur, the following are recommended: 5 mg/m³ - ACGIH TLV, 10 mg/m³ - ACGIH STEL, 5 mg/m³ - OSHA PEL.

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

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

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

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

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Work conditions can greatly effect glove durability; inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

No protection is ordinarily required under normal conditions of use.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

See Sections 6, 7, 12, 13.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Physical State: Liquid
Color: Brown
Odor: Characteristic
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 °C): 0.886
Flash Point [Method]: >232°C (450°F) [ASTM D-92]
Flammable Limits (Approximate volume % in air): LEL: 0.9 UEL: 7.0
Autoignition Temperature: N/D
Boiling Point / Range: > 288°C (550°F)

Vapor Density (Air = 1): > 2 at 101 kPa
Vapor Pressure: < 0.013 kPa (0.1 mm Hg) at 20°C
Evaporation Rate (n-butyl acetate = 1): N/D
pH: N/A
Log Pow (n-Octanol/Water Partition Coefficient): > 3.5
Solubility in Water: Negligible
Viscosity: 126 cSt (126 mm2/sec) at 40 °C | 13.1 cSt (13.1 mm2/sec) at 100°C
Oxidizing Properties: See Sections 3, 15, 16.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/A
Pour Point: -15°C (5°F)
DMSO Extract (mineral oil only), IP-346: < 3 %wt

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Excessive heat. High energy sources of ignition.

MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Route of Exposure	Conclusion / Remarks
Inhalation	
Toxicity (Rat): LC50 > 5000 mg/m3	Minimally Toxic. Based on test data for structurally similar materials.
Irritation: No end point data.	Negligible hazard at ambient/normal handling temperatures. Based on assessment of the components.
Ingestion	
Toxicity (Rat): LD50 > 2000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Skin	
Toxicity (Rabbit): LD50 > 2000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials.
Irritation (Rabbit): Data available.	Negligible irritation to skin at ambient temperatures. Based on test data for structurally similar materials.
Eye	
Irritation (Rabbit): Data available.	May cause mild, short-lasting discomfort to eyes. Based on test data for structurally similar materials.

CHRONIC/OTHER EFFECTS

For the product itself:

Sensitization: No adverse effects were observed.

Contains:

Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests. Dermal and inhalation studies showed minimal effects; lung non-specific infiltration of immune cells, oil deposition and minimal granuloma formation. Not sensitizing in test animals.

Sulfonates: This product contains sulfonates which have been reported to cause skin sensitization.

Additional information is available by request.

The following ingredients are cited on the lists below: None.

--REGULATORY LISTS SEARCHED--

1 = NTP CARC	3 = IARC 1	5 = IARC 2B
2 = NTP SUS	4 = IARC 2A	6 = OSHA CARC

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ECOTOXICITY

Material -- Not expected to be harmful to aquatic organisms.

MOBILITY

Base oil component -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

PERSISTENCE AND DEGRADABILITY

Biodegradation:

Base oil component -- Expected to be inherently biodegradable

BIOACCUMULATION POTENTIAL

Base oil component -- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

REGULATORY DISPOSAL INFORMATION

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 as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrositivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

Empty Container Warning PRECAUTIONARY LABEL TEXT: Empty containers may retain residue and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 14 TRANSPORT INFORMATION

LAND (DOT) : Not Regulated for Land Transport

LAND (TDG) : Not Regulated for Land Transport

SEA (IMDG) : Not Regulated for Sea Transport according to IMDG-Code

AIR (IATA) : Not Regulated for Air Transport

SECTION 15 REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

NATIONAL CHEMICAL INVENTORY LISTING: AICS, DSL, EINECS, ENCS, TSCA

EPCRA: This material contains no extremely hazardous substances.

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

SARA (313) TOXIC RELEASE INVENTORY: This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

The Following Ingredients are Cited on the Lists Below:*

Chemical Name	CAS Number	List Citations
PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2:1) (ZDDP)	68649-42-3	15

--REGULATORY LISTS SEARCHED--

1 = ACGIH ALL	6 = TSCA 5a2	11 = CA P65 REPRO	16 = MN RTK
2 = ACGIH A1	7 = TSCA 5e	12 = CA RTK	17 = NJ RTK

3 = ACGIH A2	8 = TSCA 6	13 = IL RTK	18 = PA RTK
4 = OSHA Z	9 = TSCA 12b	14 = LA RTK	19 = RI RTK
5 = TSCA 4	10 = CA P65 CARC	15 = MI 293	

Code key: CARC=Carcinogen; REPRO=Reproductive

* EPA recently added new chemical substances to its TSCA Section 4 test rules. Please contact the supplier to confirm whether the ingredients in this product currently appear on a TSCA 4 or TSCA 12b list.

SECTION 16 OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
No revision information is available.

The information and recommendations contained herein are, to the best of ExxonMobil's knowledge and belief, accurate and reliable as of the date issued. You can contact ExxonMobil to insure that this document is the most current available from ExxonMobil. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted. The term, "ExxonMobil" is used for convenience, and may include any one or more of ExxonMobil Chemical Company, Exxon Mobil Corporation, or any affiliates in which they directly or indirectly hold any interest.

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MHC: 0, 0, 0, 0, 0, 0 PPEC: A

DGN: 2008322XUS (543769)

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ **Verbal approval from Brandon Powell 7/14/2006**	4. Generator: Conoco Phillips 5. Originating Site: Maddox WN Fed #6
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 24; T 30N; R 13W	Project #96052-584

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

JUL 2006

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 5 cy soil from cleanup around compressor. Compressor oils, lube, soil and water. General house keeping activities. RCRA 8 metals performed 7/11/06 revealed the following levels: Arsenic: 0.046 mg/Kg; Barium 3.32 mg/Kg; Cadmium 0.290 mg/Kg; Chromium nondetect; Lead 0.209 mg/Kg; Mercury nondetect, Selenium nondetect; Silver nondetect.

CWS, analyticals and MSDS for Conoco Hydroclear El Mar LA-4 engine oil attached

Estimated Volume 5 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: 07/14/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips 3401 East 30th Street Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico (505) 632-1865
3. Originating Site (name): Maddox WN Federal 6 FC , Sec 24, T30N, R13W attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Soil clean up from around compressor. Compressor oils, lubes, soil, and water. General House keeping activities. 5 cu yds.	

I, Gregg Wurtz representative for
Print Name

_____ do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ **EXEMPT** oilfield waste

___ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

_X__ MSDS Information
_X__ RCRA Hazardous Waste Analysis
___ Chain of Custody
____ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Environmental Staff

Phone Number: (505) 320-2653

Date: July 10, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	COPC	Project #:	96052-584
Sample ID:	Soil	Date Reported:	07-13-06
Laboratory Number:	37781	Date Sampled:	07-10-06
Chain of Custody:	1193	Date Received:	07-11-06
Sample Matrix:	Soil	Date Analyzed:	07-13-06
Preservative:	N/A	Date Digested:	07-12-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.046**	**0.001**	**5.0**
Barium	**3.32**	**0.001**	**100**
Cadmium	**0.290**	**0.001**	**1.0**
Chromium	**ND**	**0.001**	**5.0**
Lead	**0.209**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Maddox WN Fed #6**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	07-13 TM QA/AC	Date Reported:	07-13-06
Laboratory Number:	37781	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-13-06
Condition:	N/A	Date Digested:	07-12-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.046	0.045	2.2%	0% - 30%
Barium	ND	ND	0.001	3.32	3.30	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.290	0.287	1.0%	0% - 30%
Chromium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Lead	ND	ND	0.001	0.209	0.209	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.046	0.544	99.6%	80% - 120%
Barium	0.500	3.32	3.80	99.5%	80% - 120%
Cadmium	0.500	0.290	0.788	99.7%	80% - 120%
Chromium	0.500	ND	0.497	99.4%	80% - 120%
Lead	0.500	0.209	0.708	99.9%	80% - 120%
Mercury	0.500	ND	0.497	99.4%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.498	99.6%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

JUL 2006

Comments: **QA/QC for Sample 37781**

Analyst

Review

CHAIN OF CUSTODY RECORD

1193

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
COPC ~~96052-584~~	Maddox WN Fed #6	
Sampler: Jason Holden	Client No. 96052-584	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8						Remarks
Soil	7/10/06	4:43	37781	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jason Holden	7/11/06	5:00 p.m.	April E Pohl	7/11/06	5:00
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

san juan reproduction 578-12

MATERIAL SAFETY DATA SHEET

Conoco HYDROCLEAR® El Mar® LA-4 Engine Oil

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Conoco HYDROCLEAR® El Mar® LA-4 Engine Oil

Synonyms: Conoco HYDROCLEAR® El Mar® LA-4 Engine Oil SAE 40

Intended Use: Crankcase oil - Natural gas engines

Chemical Family: Petroleum hydrocarbon

Responsible Party: Conoco Lubricants
A Division of ConocoPhillips
600 N. Dairy Ashford
Houston, TX 77079-1175

For Additional MSDSs 800-762-0942

Technical Information: 800-255-9556

The intended use of this product is indicated above. If any additional use is known, please contact us at the Technical Information number listed.

EMERGENCY OVERVIEW

24 Hour Emergency Telephone Numbers:

Spill, Leak, Fire or Accident
Call CHEMTREC
North America: (800)424-9300
Others: (703)527-3887 (collect)

California Poison Control System: (800) 356-3129

Health Hazards/Precautionary Measures: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Physical Hazards/Precautionary Measures: Keep away from all sources of ignition.

Appearance: Clear, brown

Physical form: Liquid

Odor: Characteristic petroleum

NFPA Hazard Class:

```
Health:       1 (Slight)
Flammability:1 (Slight)
Reactivity:   0 (Least)
```

HMIS Hazard Class

```
Health:           1 (Slight)
Flammability:     1 (Slight)
Physical Hazard:  0 (Least)
```

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Zinc Compound CAS# Proprietary	0-1	Not Established		

OTHER COMPONENTS	% VOLUME	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Lubricant Base Oil (Petroleum) CAS# Various	89-91	(See: Oil Mist, If Generated)		
Additives CAS# Proprietary	9-11	Not Established		

REFERENCE	EXPOSURE GUIDELINE		
	Limits	Agency	Type
Oil Mist, If Generated CAS# None	5 mg/m3	ACGIH	TWA
	10 mg/m3	ACGIH	STEL
	5 mg/m3	OSHA	TWA
	2500 mg/m3	NIOSH	IDLH
	5 mg/m3	NOHSC	TWA

The base oil for this product can be a mixture of any of the following highly refined petroleum streams: CAS 64741-88-4; CAS 64741-89-5; CAS 64741-96-4; CAS 64741-97-5; CAS 64742-01-4; CAS 64742-52-5; CAS 64742-53-6; CAS 64742-54-7; CAS 64742-55-8; CAS 64742-56-9; CAS 64742-57-0; CAS 64742-62-7; CAS 64742-63-8; CAS 64742-65-0; CAS 72623-85-9; CAS 72623-86-0; CAS 72623-87-1

Note: State, local or other agencies or advisory groups may have established more stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

1%=10,000 PPM.

All components are listed on the TSCA inventory.

3. HAZARDS IDENTIFICATION

Potential Health Effects:

Eye: Contact may cause mild eye irritation including stinging, watering, and redness.

Skin: Contact may cause mild skin irritation including redness, and a burning sensation. Prolonged or repeated contact can worsen irritation by causing drying and cracking of the skin leading to dermatitis (inflammation). No harmful effects from skin absorption are expected.

Inhalation (Breathing): No information available. Studies by other exposure routes suggest a low degree of toxicity by inhalation.

Ingestion (Swallowing): No harmful effects expected from ingestion.

Signs and Symptoms: Effects of overexposure may include irritation of the nose and throat, irritation of the digestive tract, nausea and diarrhea.

Cancer: Inadequate evidence available to evaluate the cancer hazard of this material. See Section 11 for carcinogenicity information of individual components, if any.

Target Organs: No data available for this material.

Developmental: No data available for this material.

Pre-Existing Medical Conditions: Conditions aggravated by exposure may include skin disorders.

4. FIRST AID MEASURES

Eye: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.

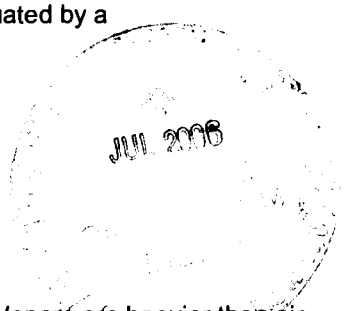
Skin: Wipe material from skin and remove contaminated shoes and clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleanser. If irritation or redness develops and persists, seek medical attention.

Inhalation (Breathing): If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Ingestion (Swallowing): First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

Note To Physicians: High-pressure hydrocarbon injection injuries may produce substantial necrosis of underlying tissue despite an innocuous appearing external wound. Often these injuries require extensive emergency surgical debridement and all injuries should be evaluated by a specialist in order to assess the extent of injury.

5. FIRE FIGHTING MEASURES



Flammable Properties:
Flash Point: 511°F/226°C (COC)
OSHA Flammability Class: Not regulated
LEL/UEL%: No Data
Autoignition Temperature: No Data

Unusual Fire & Explosion Hazards: This material may burn, but will not ignite readily. Vapors are heavier than air and can accumulate in low areas. If container is not properly cooled, it can rupture in the heat of a fire.

Extinguishing Media: Dry chemical, carbon dioxide, foam, or water spray is recommended. Water or foam may cause frothing of materials heated above 212°F. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Fire Fighting Instructions: Hazardous combustion/decomposition products may be released by this material when exposed to heat or fire. Use caution and wear protective clothing, including respiratory protection. For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confined spaces, or when explicitly required by DOT, a self contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

Isolate immediate hazard area, keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Move undamaged containers from immediate hazard area if it can be done with minimal risk.

Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Cool equipment exposed to fire with water, if it can be done with minimal risk. Avoid spreading burning liquid with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

This material may burn, but will not ignite readily. Keep all sources of ignition away from spill/release. Stay upwind and away from spill/release. Notify persons down wind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Wear appropriate

protective equipment including respiratory protection as conditions warrant (see Section 8).

Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material.

Notify fire authorities and appropriate federal, state, and local agencies. Immediate cleanup of any spill is recommended. If spill of any amount is made into or upon navigable waters, the contiguous zone, or adjoining shorelines, notify the National Response Center (phone number 800-424-8802).

7. HANDLING AND STORAGE

Handling: Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised when concentrations exceed any established exposure limits (see Sections 2 and 8).

Do not wear contaminated clothing or shoes. Use good personal hygiene practices.

High pressure injection of hydrocarbon fuels, hydraulic oils or greases under the skin may have serious consequences even though no symptoms or injury may be apparent. This can happen accidentally when using high pressure equipment such as high pressure grease guns, fuel injection apparatus or from pinhole leaks in tubing of high pressure hydraulic oil equipment.

"Empty" containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "Empty" drums should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Before working on or in tanks which contain or have contained this material, refer to OSHA regulations, ANSI Z49.1 and other references pertaining to cleaning, repairing, welding, or other contemplated operations.

Storage: Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat and all sources of ignition. Store only in approved containers. Keep away from any incompatible material (see Section 10). Protect container(s) against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits (see Section 2), additional engineering controls may be required.

Personal Protective Equipment (PPE):

Respiratory: A NIOSH certified air purifying respirator with a Type 95 (R or P) particulate filter may be used under conditions where airborne concentrations are expected to exceed exposure limits (see Section 2).

Protection provided by air purifying respirators is limited (see manufacturer's respirator selection guide). Use a NIOSH approved self-contained breathing apparatus (SCBA) or equivalent operated in a pressure demand or other positive pressure mode if there is potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin: The use of gloves impervious to the specific material handled is advised to prevent skin contact and possible irritation (see manufacturers literature for information on permeability).

Eye/Face: Approved eye protection to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Other Protective Equipment: A source of clean water should be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

Suggestions for the use of specific protective materials are based on readily available published data. Users should check with specific manufacturers to confirm the performance of their products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm).
Appearance: Clear, brown
Physical State: Liquid
Odor: Characteristic petroleum
pH: Not applicable
Vapor Pressure (mm Hg): <1
Vapor Density (air=1): >1
Boiling Point/Range: >555°F / >291°C
Freezing/Melting Point: No Data
Solubility in Water: Negligible
Specific Gravity: 0.88-0.89
Percent Volatile: Negligible
Evaporation Rate (nBuAc=1): <1
Viscosity: 13.0-14.0cSt @ 100°C /135 cSt @ 40°C
Bulk Density: 7.35 lbs/gal
Flash Point: 511°F / 226°C (COC)
Flammable/Explosive Limits (%): No Data

10. STABILITY AND REACTIVITY

Stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Conditions To Avoid: Extended exposure to high temperatures can cause decomposition.

Materials to Avoid (Incompatible Materials): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Combustion can yield major amounts of oxides of carbon and minor amounts of oxides of nitrogen, phosphorus, sulfur, and zinc. Heating this product above 160°F (71°C) may produce hydrogen sulfide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Lubricant Base Oil (Petroleum) (CAS# Various)

Carcinogenicity: The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, hydrotreating, and dewaxing to remove aromatics and improve performance characteristics. None of the oils used are listed as a carcinogen by NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Not evaluated at this time

13. DISPOSAL CONSIDERATIONS

This material under most intended uses would become used oil due to contamination by physical or chemical impurities. RECYCLE ALL USED OIL. While being recycled, used oil is regulated by 40 CFR 279. Use resulting in chemical or physical change or contamination may also subject it to regulation as hazardous waste. Under federal regulations, used oil is a solid waste managed under 40 CFR 279. However, in California, used oil is managed as hazardous waste until tested to show it is not hazardous. Consult state and local regulations regarding the proper handling of used oil. In the case of used oil, the intent to discard it may cause the used oil to be regulated as hazardous waste.

Contents should be completely used and containers emptied prior to discard. Rinsate may be considered a RCRA hazardous waste and must be disposed of with care and in compliance with federal, state and local regulations. Large empty containers, such as drums, should be returned to the distributor or a drum reconditioner. To assure proper disposal of small empty containers, consult with state and local regulations and disposal authorities.

14. TRANSPORT INFORMATION

DOT Shipping Description: Not classified as hazardous

Note: Material is unregulated unless in container of 3500 gal or more then provisions of 49 CFR Part 130 apply for land shipment.

IMDG: Not regulated
IATA: Not regulated

15. REGULATORY INFORMATION

EPA SARA 311/312 (Title III Hazard Categories):

Acute Health:	No
Chronic Health:	No
Fire Hazard:	No
Pressure Hazard:	No
Reactive Hazard:	No

SARA 313 and 40 CFR 372:
This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

Component	CAS Number	Weight %
Zinc Compound (Aryl)	Proprietary	0-1

California Proposition 65:

Warning: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5):

Component	Effect
-- None --	

Used engine oils, while not a component of this material, is on the Proposition 65 list of chemicals known to the State of California to cause cancer.

Carcinogen Identification:
This material has not been identified as a carcinogen by NTP, IARC, or OSHA. See Section 11 for carcinogenicity information of individual components, if any. Used motor oil has been identified as a possible skin carcinogen by IARC.

EPA (CERCLA) Reportable Quantity:

RQ #1 Zinc Compound (Aryl)
1000 lb equal to 76297 lb, (10288 gal), of this material.

Canada - Domestic Substances List: Listed

WHMIS Class:

Not regulated
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Issue Date: 09/17/03
Previous Issue Date: 08/09/02
Revised Sections: 1, 2, 5, 8, 9, 14, 16
MSDS Number: 776092
Status: Final

Disclaimer of Expressed and Implied Warranties:

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date this Material Safety Data Sheet was prepared. **HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE.** No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 9/18/06	4. Generator: Conoco Phillips
	5. Originating Site: San Juan 32-8 #245
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: L&R
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit P; Sec 14; T 31N; R 8W San Juan County	Project #96052-647

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 3 cy soil and oil from around compressor from cleaning of location. RCRA metals testing completed 8/24/06 revealed the following levels: Arsenic 0.094 mg/Kg; Barium 7.83 mg/Kg; Cadmium 0.073 mg/Kg; Chromium 0.202 mg/Kg; Lead 0.463 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.001 mg/Kg.

CWS and analyticals attached

Estimated Volume 3 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: 09/15/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 9-19-06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): San Juan 32-8 245 **API# 30-045-283220** **hCOP** attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): **U- P S-14 T- 31N R- 8W** **San Juan County, New Mexico** Street Address: _____
4. Source and Description of Waste **Cleaning oil contaminated soil around well head and pump jack Approx. 3 cu yds soil. Transporter L&R.**	
5. WO 4096299	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
__X_RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 9/15/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

96052-647

Client:	ConocoPhillips	Project #:	96052-026-001
Sample ID:	Pumping Unit Gearbox	Date Reported:	08-24-06
Laboratory Number:	38272	Date Sampled:	08-22-06
Chain of Custody:	1365	Date Received:	08-23-06
Sample Matrix:	Soil	Date Analyzed:	08-24-06
Preservative:	N/A	Date Digested:	08-23-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.094**	**0.001**	**5.0**
Barium	**7.83**	**0.001**	**100**
Cadmium	**0.073**	**0.001**	**1.0**
Chromium	**0.202**	**0.001**	**5.0**
Lead	**0.463**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 32-8 #245**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-001
Sample ID:	Wellhead	Date Reported:	08-24-06
Laboratory Number:	38273	Date Sampled:	08-22-06
Chain of Custody:	1365	Date Received:	08-23-06
Sample Matrix:	Soil	Date Analyzed:	08-24-06
Preservative:	N/A	Date Digested:	08-23-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.073**	**0.001**	**5.0**
Barium	**33.1**	**0.001**	**100**
Cadmium	**0.434**	**0.001**	**1.0**
Chromium	**4.01**	**0.001**	**5.0**
Lead	**26.8**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.005**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **SJ 32-8 #245**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	08-24 TM QA/AC	Date Reported:	08-24-06
Laboratory Number:	38272	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	08-24-06
Condition:	N/A	Date Digested:	08-23-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.094	0.092	2.1%	0% - 30%
Barium	ND	ND	0.001	7.83	7.80	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.073	0.075	2.7%	0% - 30%
Chromium	ND	ND	0.001	0.202	0.200	1.0%	0% - 30%
Lead	ND	ND	0.001	0.463	0.460	0.6%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.094	0.592	99.7%	80% - 120%
Barium	0.500	7.83	8.31	99.8%	80% - 120%
Cadmium	0.500	0.073	0.572	99.8%	80% - 120%
Chromium	0.500	0.202	0.701	99.9%	80% - 120%
Lead	0.500	0.463	0.961	99.8%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.499	99.8%	80% - 120%
Silver	0.500	0.001	0.500	99.9%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 38272 - 38275**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1365

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Conoco Phillips	SJ 32-8 #245	

Sampler:	Client No.
Mike Morris	96052-026-262

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX & MTBE						Remarks
~~SJ 32-8 #245~~												
Pumping Unit Gearbox	8/22/06	1030	38272	Soil	1	✓						
Wellhead	"	1030	38273	"	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	8/22/06	1130	Christine Walker	8/23/06	1130
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Copy Ed Hasley + April

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			✓

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☒ Verbal approval Brandon Powell 6/19/06	4. Generator: Williams Field Service
	5. Originating Site: Trunk A Booster Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit C; S 8; T 29N; R 8W; San Juan County	Project #00068-042

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with lubricating oil and antifreeze from compressor skid drain system overflow. RCRA 8 metals analysis performed 6/13/2006 revealed the following levels: Arsenic 0.146 mg/Kg; Barium 23.4 mg/Kg; Cadmium 0.033 mg/Kg; Chromium 0.717 mg/Kg; Lead 1.72 mg/Kg; Mercury nondetect; Selenium nondetect and Silver nondetect.

CWS and analytical attached

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

SIGNATURE Morris D. Young
Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: June 19, 2006

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Enviro/Spec DATE: 6-19-06

APPROVED BY: _____ TITLE: _____ DATE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Williams	Project #:	00068-042
Sample ID:	Oil Spill	Date Reported:	06-13-06
Laboratory Number:	37379	Date Sampled:	06-09-06
Chain of Custody:	1058	Date Received:	06-09-06
Sample Matrix:	Soil	Date Analyzed:	06-13-06
Preservative:	N/A	Date Digested:	06-12-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.146**	**0.001**	**5.0**
Barium	**23.4**	**0.001**	**100**
Cadmium	**0.033**	**0.001**	**1.0**
Chromium	**0.717**	**0.001**	**5.0**
Lead	**1.72**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Tank A Booster Station.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	06-13 TM QA/AC	Date Reported:	06-13-06
Laboratory Number:	37379	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	06-13-06
Condition:	N/A	Date Digested:	06-12-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.146	0.142	2.7%	0% - 30%
Barium	ND	ND	0.001	23.4	23.2	0.9%	0% - 30%
Cadmium	ND	ND	0.001	0.033	0.034	3.0%	0% - 30%
Chromium	ND	ND	0.001	0.717	0.714	0.4%	0% - 30%
Lead	ND	ND	0.001	1.72	1.68	2.3%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.146	0.641	99.2%	80% - 120%
Barium	0.500	23.4	23.8	99.6%	80% - 120%
Cadmium	0.500	0.033	0.531	99.6%	80% - 120%
Chromium	0.500	0.717	1.21	99.4%	80% - 120%
Lead	0.500	1.72	2.20	99.1%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.501	100.2%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 37379.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1058

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Williams	Trunk A Booster Station	
Sampler: Chet Bell	Client No. 00068-042	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals					Remarks
Oil spill	6/9/06	1000	37379	Soil	1	✓					

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Chet Bell	6/9/06	1045	Mustine M Wells	6/9/06	1045
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

JUN 1 0 2006

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Williams Field Services Co. 188 County Road 4900 Bloomfield, NM 87413	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of Waste (Street address &/or ULSTR):
Trunk A Booster Station	Unit C, Section 8, T29N, R8W, San Juan County, NM
attach list of originating sites as appropriate	
4. Source and Description of Waste Soil contaminated with lubricating oil and antifreeze from compressor skid drain system overflow.	

I, David Bays representative for:
Print Name

Williams Field Service Co.. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

____ **EXEMPT** Oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

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

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

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): David Bays

Title: Sr. Environmental Specialist

Date: June 9, 2006

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval received from Denny Foust 5/26/2006 7:25 a.m.	4. Generator: Ciniza Pipe Line Company 5. Originating Site: Ciniza Pipe Line West Pipe Line
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) (No section, township or range provided) N 36.09697 W 108.35814	Project # 06072-002

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with approximately 1500 bbl of crude oil that spilled due to pipe line rupture. Damage caused by excavation equipment while doing repairs to pipe line.

CWS and letter of knowledge of process attached

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: 05/26/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Enviro Spec DATE: 5/30/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: Ciniza Pipe Line Company 111 CR 4990 Bloomfield, NM 87413	2. Destination Name: Envirotech, County Road 7175, Bloomfield, NM 87413
3. Originating Site (name): Ciniza Pipe Line West Line N 36.09697 W108.35814 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Ciniza Pipe Line West Line N 36.09697 W108.35814
4. Source and Description of Waste: Affected soil from pipeline excavation to repair within Ciniza Pipe Line, West Line ROW. (Crude Oil). Non-exempt.	

I, Dave Richards representative for: Ciniza Pipe Line Company
Print Name

do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
X Other (description
Knowledge of process letter

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): [signature]

Title: Regulator Coordinator

Date: 5/25/06

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

July 29, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-357-869-974

Mr. Barry G. Holman
Safety and Environmental Manager
Giant Transportation
111 CR 4990
Bloomfield, New Mexico 87413

RE: CRUDE OIL PIPELINE SPILLS

Dear Mr. Townsend:

The New Mexico Oil Conservation Division (OCD) has reviewed the Giant Transportation (Giant) July 20, 1998, correspondence which presents the results of representative RCRA hazardous waste characteristic sampling of contaminated soils from pipeline related spills of crude oil. Giant requests that they be allowed to use these analyses and a statement of process knowledge for determining the soils to be RCRA non-hazardous during future crude oil pipeline spill remediations. These analyses are to be used in lieu of individual sampling of each spill event.

The above referenced request is approved with the following conditions:

1. The above representative analyses can be used in lieu of individual sampling of each spill event until further notice.

2. Giant will reference the above waste determination in all future RCRA non-exempt crude oil spill reports to the OCD.

3. Giant will notify the OCD within 24 hours of any system changes which could potentially alter the composition of any spilled crude such that RCRA hazardous waste characteristics in the spill area could be exceeded.

Please be advised that OCD approval does not relieve Giant of liability should these types of leaks and spills result in contamination of surface waters, ground waters or the environment. In addition, OCD approval does not relieve Giant of responsibility for compliance with any other federal, state or local laws and/or regulations. If you have questions please contact me at (505) 827-7152.

Sincerely,

Roger C. Anderson
Environmental Bureau Chief

xc: OCD Aztec District Office
NMED Hazardous and Radioactive Waste Bureau

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **Verbal approval Brandon Powell 6/13/2006**	4. Generator: Conoco Phillips
	5. Originating Site: Maddox C WN Fed #2
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit N; S 14; T 30N; R 13W; San Juan County	Project # 96052-555

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 10 cy soil stained with compressor oil from compressor leaks during operations. TCLP metals analysis performed on 6/01/06 revealed the following levels: Arsenic 0.010 mg/L; Barium 0.338 mg/L; Cadmium nondetect; Chromium nondetect; Lead 0.007 mg/L; Mercury nondetect; Selenium 0.003 mg/L and Silver nondetect.

CWS and analytical attached

JUN 2006

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

SIGNATURE Morris D. Young TITLE: Landfarm Manager DATE: 06/13/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirospec DATE: 6/14/06

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Maddox WN Federal #2 API # 30-045-30335 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit N, Section 14, T30N, R13W 835' FSL & 1735' FWL San Juan County, New Mexico
4. Source and Description of Waste Approximately 10 cubic yards soil stained with compressor oil from compressor leaks during operations. TCLP metals analysis performed on 6/1/06 revealed the following levels: Arsenic 0.0.10 mg/L; Barium 0.338 mg/L; Cadmium non-detect; Chromium non-detect; Lead 0.007 mg/L; Mercury non-detect; Selenium 0.003 mg/L; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

____ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

____MSDS Information
__X__RCRA Hazardous Waste Analysis – ***TCLP Metals***
____Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: June 13, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	COPC	Project #:	96052-550
Sample ID:	Maddox Soil	Date Reported:	06-01-06
Laboratory Number:	37253	Date Sampled:	05-26-06
Chain of Custody:	15986	Date Received:	05-26-06
Sample Matrix:	TCLP Extract	Date Analyzed:	06-01-06
Preservative:	Cool	Date Extracted:	05-30-06
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**0.010**	**0.001**	**5.0**
Barium	**0.338**	**0.001**	**100**
Cadmium	**ND**	**0.001**	**1.0**
Chromium	**ND**	**0.001**	**5.0**
Lead	**0.007**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.003**	**0.001**	**1.0**
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, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Maddox CWN Fed #2.**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	06-01-TCM QA/QC	Date Reported:	06-01-06
Laboratory Number:	37253	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	06-01-06
Condition:	N/A	Date Extracted:	05-30-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	ND	ND	0.001	0.010	0.010	0.0%	0% - 30%
Barium	ND	ND	0.001	0.338	0.340	0.6%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Lead	ND	ND	0.001	0.007	0.007	0.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.003	0.003	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.010	0.510	100.0%	80% - 120%
Barium	0.500	0.338	0.836	99.8%	80% - 120%
Cadmium	0.500	ND	0.500	100.0%	80% - 120%
Chromium	0.500	ND	0.499	99.8%	80% - 120%
Lead	0.500	0.007	0.506	99.8%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	0.003	0.501	99.6%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37253, 37255.**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

15986

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
wo# 385908z CoPC	Maddox CWN Fed #2	
Sampler: DP Ortiz	Client No. 96052-550	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP Metals						Remarks
Maddox Soil	5-26-06	7:04	37253	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
X Toby Sanchez	5/26/06	7:66 AM	Glenda Garcia	5/26/06	7:66
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☒ Non-Exempt: ☐ Verbal Approval Received: Yes ☒ No ☐ **Verbal approval Brandon Powell 6/12/2006**	4. Generator: Laguna Development Corp
	5. Originating Site: LDC plant
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) I-40 Exit 133 Casa Blanca NM	Project # 06102-001

9. Circle One:

(A.) All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 80 bbl of transmix (diesel and gas mixture) mixed with water. Result of spill caused by fire control wash down. Fire caused by lightning strike at facility.

CWS and MSDS for Conoco brand unleaded gas and Conoco brand #1 diesel attached.

Estimated Volume 80 bbl Known Volume (to be entered by the operator at the end of the haul) _____bbl

SIGNATURE Morris D Young Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: June 12,2006

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Enviro / Spec DATE: 6/13/06

APPROVED BY: _____ TITLE: _____ DATE: _____

06102-001

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Laguna Development Corp. PO Box 550 Casa Blanca NM 87007	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): LDC plant attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): I40 exit 133
4. Source and Description of Waste Accept approx 80 bbl of trans mix with water resulting from spill caused by fire control washdown. Fire caused by lightning	

I, Ross Marquez (Print Name) representative for :

Laguna Development Corp. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

XX **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ross Marquez

Title: consultant

Phone Number: 505-486-6309

Date: 6/10/06

Think big. Move fast. conoco

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safety & environment > material safety data sheets

MSDS are available from this web site as Adobe Acrobat version 3.0 documents. If you don't have the Acrobat Reader software, you can download it for free from Adobe.

Unleaded Gasoline

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GASOLINE, UNLEADED

---

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

Gasoline, Unleaded

MSDS Code: GASC0001 Revised: 22-Jun-2000

Synonyms: **Gasoline, Mid-Grade Unleaded**
Gasoline, Premium Unleaded
Gasoline, Regular Unleaded
Gasoline, Super Unleaded
Gasoline, Premium Reformulated
Gasoline, Regular Reformulated
Gasoline, Super Reformulated
Gasoline, Oxygenated Program Reformulated
Blend Stock, Premium Reformulated
Blend Stock, Regular Reformulated

Product Use: Automotive **Gasoline**

MANUFACTURER/DISTRIBUTOR
Conoco Inc.
P.O. Box 2197
Houston, TX 77252

PHONE NUMBERS
Product Information: 1-281-293-5550
Transport Emergency: CHEMTREC 1-800-424-9300 (U.S. & Canada)
703-527-3887 (elsewhere; call collect)
Medical Emergency: 1-800-342-5119 or 1-281-493-2767

---

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS Number	%
Gasoline		100
including:		
Benzene	71-43-2	0.1-4.9
Ethyl Benzene	100-41-4	2
Cumene	98-82-8	1
Hexane	110-54-3	1-2
Pseudocumene	95-63-6	2
Xylenes	1330-20-7	~12
Toluene	108-88-3	~15
MTBE (Methyl Tertiary Butyl Ether)	1634-04-4	0-15

---

3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

OSHA HAZARD DETERMINATION

This material is classified as hazardous under OSHA regulations.
Highly flammable.
Vapors may cause nervous system effects, such as headache, dizziness, drowsiness, unconsciousness.
May cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure.
Harmful or fatal if swallowed; can enter lungs and cause death.
Cancer hazard; contains benzene, ethylbenzene.

APPEARANCE / ODOR

Water-white to straw yellow or red / Gasoline odor.

HMIS RATING

Health 2*; Flammability 3; Reactivity 0

Potential Health Effects

Primary Routes of Entry: Skin, inhalation
Studies of industry employees have indicated that workers exposed many years to high concentrations of benzene have a higher incidence of acute myelogenous leukemia. Benzene can also be toxic to the blood and blood-forming tissues.
The product may cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure. Extreme overexposure or aspiration into the lungs may cause lung damage or death.
Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater overexposure may cause dizziness, slurred speech, flushed face, unconsciousness, and convulsions.
Inhalation of xylene can cause nausea, headache, weakness, dizziness, confusion, uncoordination, and loss of consciousness; skin sensitization has occasionally occurred. Ingestion can cause gastrointestinal irritation and symptoms of central nervous system depression; aspiration into the lungs may be lethal. High exposures can cause skin, eye, nose, and throat irritation; heart stress; anemia; respiratory difficulties; bleeding from mucosal surfaces; liver and kidney effects; and death.

Chronic overexposure to n-hexane may cause nerve damage characterized by progressive weakness and numbness in the arms and legs. Recovery ranged from no recovery to complete recovery depending upon the severity of the nerve damage.
Methyl tertiary butyl ether (MTBE) may cause irritation to the eyes, skin and lungs after prolonged or repeated exposure. The odor of MTBE may be offensive and possibly cause headaches, difficult breathing, skin and eye irritation, dizziness, and indigestion.
Combustion Product - Carbon Monoxide:
Carbon monoxide decreases the ability of the blood to carry oxygen. Inhalation may cause headache, nausea, rapid respiration, vomiting, dizziness, confusion, impaired judgement, personality changes, memory impairment, weakness, shortness of breath, unconsciousness, convulsions and death if not treated. It may cause chest pains in persons with heart disease. Carbon monoxide poisoning can cause pallor (whiteness) or cyanosis (blueness) of the skin and extremities. High exposures to carbon monoxide may cause heart irregularities. Carbon monoxide may adversely affect the unborn babies of pregnant women.

Carcinogenicity Information

The following components are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

Material	IARC	NTP	OSHA	ACGIH
Benzene	1	X	X	A1

Ethyl Benzene	2B	X	X	X

4. FIRST AID MEASURES

Inhalation
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact
Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.

Eye Contact
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion
If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

Notes to Physicians
Activated charcoal mixture may be beneficial. Suspend 50 g activated charcoal in 400 mL water and mix well. Administer 5 mL/kg, or 350 mL for an average adult.
THIS MATERIAL MAY MAKE THE HEART MORE SUSCEPTIBLE TO ARRHYTHMIAS. Catecholamines such as adrenaline, and other compounds having similar effects, should be reserved for emergencies and then used only with special caution.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: As low as -50 F
Method	: TCC
Flammable limits in Air, % by Volume	
LEL	: < 1
UEL	: 8
Autoignition	: 536-853

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

NFPA Rating : Health 1; Flammability 3; Reactivity 0

Extinguishing Media
Foam, Dry Chemical, CO2.

Fire Fighting Instructions
Water may be ineffective to extinguish but water should be used to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect personnel attempting to stop a leak. Water spray may be used to flush spills away from sources of potential ignition.
Highly flammable. Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)
NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.
Remove source of heat, sparks, flame, impact, friction and electricity including internal combustion engines and power tools.
If equipment is used for spill cleanup, it must be explosion proof and suitable for flammable liquid and vapor.
NOTE: Vapors released from the spill may create an explosive

atmosphere.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Use of non-sparking and explosion-proof equipment may be necessary depending on type of operation. Keep away from heat, sparks and flames. Close container after each use.

Storage

Store in accordance with National Fire Protection Association recommendations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Keep container tightly closed.

VENTILATION

Storage and use areas should be well ventilated. Explosion proof mechanical ventilation should be used in enclosed areas.

Personal Protective Equipment

RESPIRATORY PROTECTION

A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES

Should be worn when the potential exists for prolonged or repeated exposure. NBR recommended.

EYE PROTECTION

Chemical splash goggles or face shield for spray/mists or if splashing can occur.

OTHER PROTECTIVE EQUIPMENT

Sufficient protective clothing to minimize skin exposure.

Applicable Exposure Limits

Gasoline

PEL	(OSHA)	: Not Established.
TLV	(ACGIH)	: 300 ppm, 8 Hr. TWA STEL 500 ppm, A4

Benzene

PEL	(OSHA)	: 1 ppm, 8 Hr. TWA 5 ppm, STEL 0.5 ppm, Action Level
TLV	(ACGIH)	: 0.5 ppm, 1.6 mg/m3, 8 Hr. TWA, Skin, A1 STEL 2.5 ppm, 8 mg/m3, Skin, A1

Ethyl Benzene

PEL	(OSHA)	: 100 ppm, 435 mg/m3, 8 Hr. TWA

TLV (ACGIH) : 100 ppm, 8 Hr. TWA
STEL 125 ppm

Cumene
PEL (OSHA) : 50 ppm, 245 mg/m3, 8 Hr. TWA, Skin
TLV (ACGIH) : 50 ppm, 8 Hr. TWA

n-Hexane
PEL (OSHA) : 500 ppm, 1800 mg/m3, 8 Hr. TWA,
TLV (ACGIH) : 50 ppm, 8 Hr. TWA , Skin

Pseudocumene
PEL (OSHA) : 25 ppm, 125 mg/m3, 8 Hr. TWA
TLV (ACGIH) : 25 ppm, 123 mg/m3, 8 Hr. TWA

Xylenes
PEL (OSHA) : 100 ppm, 435 mg/m3, 8 Hr. TWA
TLV (ACGIH) : 100 ppm, 434 mg/m3, 8 Hr. TWA, A4
STEL 150 ppm, 651 mg/m3, A4

Toluene
PEL (OSHA) : 200 ppm, 8 Hr. TWA
300 ppm, Ceiling
500 ppm - 10 Min. Max.
TLV (ACGIH) : 50 ppm, 188 mg/m3, 8 Hr. TWA, Skin, A4

MTBE (Methyl Tertiary Butyl Ether)
PEL (OSHA) : None Established
TLV (ACGIH) : 40 ppm, 144 mg/m3, 8 Hr. TWA, A3

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 85-437 F (29-225 C)
Vapor Pressure	: 200-475 mm Hg @ 68 F (20 C)
Vapor Density	: >1 (AIR = 1)
% Volatiles	: (by volume) 100
Solubility in Water	: May be slightly soluble
Odor	: **Gasoline**
Form	: Liquid
Color	: Water-white to straw yellow Super/premium may be dyed red.
Specific Gravity	: 0.7-0.77

10. STABILITY AND REACTIVITY

Chemical Stability
Stable.

Conditions to Avoid
Avoid undue exposure to air. Avoid heat, sparks, and flame.

Incompatibility with Other Materials
Incompatible or can react with strong oxidizers.

Decomposition
Carbon monoxide may be formed from incomplete combustion.

Polymerization
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Animal Data
Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for

kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.
One published study reports limited data suggesting long-term ingestion of 500 mg/kg of toluene caused increased malignant tumors in rats. Other more extensive inhalation studies demonstrated no carcinogenic effects in animals. Animal studies with toluene have failed to demonstrate birth defects in rats and mice. However, toluene has been shown to cause delayed growth and extra ribs in the offspring of rats and mice at inhaled doses (266-399 ppm) that were non-toxic to the mother. Toluene has not been conclusively shown to cause adverse reproductive effects in humans. Toluene overexposure may also cause cardiac irregularities and hearing loss (animal data).

Animal data from chronic inhalation studies using commercial hexane (51.5% n-hexane) show an increased incidence of liver tumors in female mice at an exposure level of 9018 ppm. No such tumor increases occurred in male mice, nor in male or female rats. The No-Observed-Adverse Effect-Level (NOAEL) for tumors was 3000 ppm. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.
Mice and rats were exposed 6 hours daily to MTBE (400, 3000, or 8000 ppm) for 82-105 weeks; no toxicity occurred at 400 ppm (except some kidney damage in male rats) but the two higher concentrations caused a toxic response that included decreased body weight, ataxia, reduced startle response, kidney damage and tumors (only male rats), and liver tumors (female mice in only the 8000 ppm exposed group). High exposure hydrocarbon-induced male rat kidney tumors and mouse liver tumors are probably not useful in predicting a significant human health hazard; future animal studies will further evaluate this tumorigenic response to MTBE. Animal studies involving daily exposure (3000 ppm) showed no significant reproductive toxicity or nerve damage. In mice daily exposure above 1000 ppm caused material toxicity, cleft palate, and increased skeletal variations in newborn mice but the presence of maternal toxicity limits the significance of these findings.

Ethylbenzene can cause nervous system depression, plus damage the liver and kidney. Two-year mouse and rat inhalation studies (75, 250, and 750 ppm; 6 hrs/day, 5 days/week) were recently completed. In male rats, renal tubular tumors and testicular adenomas were increased. In mice, there was an increased incidence of lung tumors (males) and liver tumors (females). Only the 750 ppm exposure concentration caused increases in tumor incidences. The relevance of these effects to human hazard is unclear since ethylbenzene is not genotoxic, the mouse lung and liver tumors in the above studies were within historical control ranges, and research has shown that chemically-induced rat kidney and mouse liver tumors may be specific for these rodent species. Regardless, the Interagency for Research on Cancer (IARC) recently classified ethylbenzene as a 2B Carcinogen (Possibly Carcinogenic to Humans).
XYLENE:
Eye:
Animal testing indicates this material is an eye irritant.
Skin:
ALD, rabbit: 4,320 mg/kg (Moderately toxic)
Animal testing indicates this material is a moderate to severe skin irritant. This material has not been tested for skin sensitization.
Single exposure to high doses caused: Narcosis.
Ingestion:

LD50, rat: 4,500 mg/kg (Slightly toxic).
Single exposure caused: Prostration and uncoordination.
Repeated exposure caused: Shallow respiration, prostration, liver and kidney effects, reduced weight gain, and altered hematology and clinical chemistry. Long-term exposure caused: Decreased body weight and histopathological changes of the liver.
Inhalation:
4 hour, LC50, rat: 6,700 ppm (Very low toxicity).
Single exposure caused: Upper respiratory tract irritation, behavioral effects, uncoordination, prostration, altered respiratory rate, low blood pressure, and altered hematology.
Repeated exposure caused: Uncoordination; decreased response to sound; histopathological changes of the liver, kidneys, adrenals, heart, spleen, lungs, and bone marrow; altered hematology; and reduced weight gain. Long-term exposure caused: Liver effects.
Additional Toxicological Effects of Xylene:
One published study reports limited data suggesting high oral doses caused an increase in malignant tumors in rats. However, other more extensive animal studies have demonstrated no evidence of carcinogenicity.
Animal data show developmental effects only at or near levels producing other toxic effects in the adult animal. Reproductive data on adult animals show: No change in reproductive performance. Tests have shown that this material does not cause genetic damage in bacterial or mammalian cell cultures, or in animals. In animal testing, this material has not caused permanent genetic damage in reproductive cells of mammals (has not produced heritable genetic damage). Health Canada classifies xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/ embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information
AQUATIC TOXICITY:
Toluene
Moderately toxic.
96 hour LC50 - Fathead minnows: 31.7 mg/L.
Xylenes
Moderately toxic.
96 hour LC50 - Fathead minnows: 24-42 mg/L.
MTBE (Methyl Tertiary Butyl Ether)
Low toxicity.
96 hour LC50 - Fathead minnows: 706 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste.

14. TRANSPORTATION INFORMATION

Shipping Information
DOT
Proper Shipping Name : **Gasoline**
Hazard Class : 3
I.D. No. (UN/NA) : UN1203

Packing Group : II
DOT Label(s) : Flammable liquid
DOT Placard : Flammable

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15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION, 29 CFR 1910.1200
This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND, 40 CFR 302
Not applicable; this material is covered by the CERCLA petroleum exclusion.

SARA, TITLE III, 302/304, 40 CFR 355
This material is not known to contain extremely hazardous substances.

SARA, TITLE III, 311/312, 40 CFR 370
Acute : Yes
Chronic : Yes
Fire : Yes
Reactivity : No
Pressure : No

SARA, TITLE III, 313, 40 CFR 372
This material contains the following chemicals at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and is subject to toxic chemical release reporting requirements:
Toxic Chemicals : Benzene, ethyl benzene, cumene, hexane, pseudocumene; xylenes, toluene, MTBE.

TSCA, 40 CFR 710
Material and/or components are listed in the TSCA Inventory of Chemical Substances (40 CFR 710).

RCRA, 40 CFR 261
This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it meets criteria for being ignitable according to U. S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations at 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT, 40 CFR 116 4A
The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).
Ingredients : Petroleum Hydrocarbons
Reportable Quantity : Film or sheen upon, or discoloration of, any water surface

State Regulations (U.S.)

CALIFORNIA "PROP 65"
The material contains ingredient(s) known to the State of California to cause cancer, birth defects, or other reproductive harm. Read and follow all label directions.
Ingredients : Benzene, Toluene, **Unleaded Gasoline** (Wholly Vaporized)

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT
This material may contain the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Hazardous Substances List.
Ingredient : Benzene
Category : Special Hazardous Substance, Environmental Hazard
Ingredient : **Gasoline**, Hexane
Category : Hazardous Substance
Ingredient : Cumene
Category : Environmental Hazard, Hazardous Substance

Ingredients : Ethyl Benzene, Pseudocumene, MTBE, Toluene, Xylene
Category : Environmental Hazards

Canadian Regulations
CLASS B Division 2 - Flammable Liquid.
CLASS D Division 2 Subdivision A - Very Toxic Material. Carcinogen.
CLASS D Division 2 Subdivision B - Toxic Material. Chronic Toxic Effects, Skin or Eye Irritant.

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16. OTHER INFORMATION

Additional Information: None.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : MSDS Coordinator
Address : Conoco Inc.
> : PO Box 2197
> : Houston, TX 77252
Telephone : 1-281-293-5550
Web Site : www.conoco.com

# Indicates updated section.

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NO. 1 DIESEL FUEL, NO. 1 FUEL OIL

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1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

No. 1 Diesel Fuel, No. 1 Fuel Oil

MSDS Code: GASC0210 Revised: 18-Oct-2000

Synonyms: Diesel Fuel, No. 1, Low Sulfur
Kerosene, Low Sulfur
Conoco Product Codes: 3501, 3511, 3554, 4195

MANUFACTURER/DISTRIBUTOR
Conoco Inc.
PO Box 2197
Houston, TX 77252

PHONE NUMBERS
Product Information : 1-281-293-5550
Transport Emergency : CHEMTREC 1-800-424-9300 (domestic)
1-703-527-3887 (international; call collect)
Medical Emergency : 1-800-342-5119 or 1-281-493-2767
WEB SITE : www.conoco.com

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Material	CAS Number
Straight Run Kerosene	8008-20-6
and/or	
Hydrodesulfurized Kerosene	64742-81-0

Petroleum distillate exposure limit applies. (See Section 8.)

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3. HAZARDS IDENTIFICATION

--- EMERGENCY OVERVIEW ---

APPEARANCE / ODOR
Undyed (clear or straw-colored); low sulfur diesel may be dyed red / paraffinic odor.

OSHA REGULATORY STATUS
This material is hazardous as defined under OSHA regulations.
Combustible.
See below for health hazards.

HMIS RATING
Health: 1; Flammability: 2; Reactivity: 0

Potential Health Effects
Primary Routes of Entry: Skin, inhalation
The product may cause irritation to the eyes, nose, throat, lungs, and skin after prolonged or repeated exposure. Extreme overexposure or aspiration into the lungs may cause lung damage or death. Overexposure may cause weakness, headache, nausea, confusion, blurred vision, drowsiness, and other nervous system effects; greater overexposure may cause dizziness, slurred speech, flushed face, aortic plaques, heart beat irregularities, unconsciousness, and convulsions.
Pulmonary fibrosis has been reported in cable plant workers exposed to mist and vapors of mineral oils and kerosene for 5-35 years. Because of mixed exposures to mineral oils as well as kerosene, it is difficult to attribute these effects to kerosene alone.
Individuals with pre-existing diseases of the lungs, liver, or kidneys may have increased susceptibility to the toxicity of excessive exposures.
Combustion Product - Carbon Monoxide:
Carbon monoxide decreases the ability of the blood to carry oxygen. Inhalation may cause headache, nausea, rapid respirations, vomiting, dizziness, confusion, impaired judgement, personality changes, memory impairment, weakness, shortness of breath, unconsciousness, convulsions and death if not treated. It may cause chest pains in persons with heart disease. Carbon monixde poisoning can cause pallor (whiteness) or cyanosis (blueness) of the skin and extremities.
High exposures to carbon monoxide may cause heart irregularities. Carbon monoxide may adversely affect the unborn babies of pregnant women.
Carcinogenicity Information
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

4. FIRST AID MEASURES

First Aid
INHALATION
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
SKIN CONTACT
Wash skin thoroughly with soap and water. If irritation develops and persists, consult a physician.
EYE CONTACT
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
INGESTION
If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.
Notes to Physicians
Activated charcoal mixture may be administered. To prepare activated charcoal mixture, suspend 50 grams activated charcoal in 400 mL water and mix thoroughly. Administer 5 mL/kg, or 350 mL for an average adult.
Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances. Activated charcoal may induce vomiting, but may be given after emesis

or lavage to absorb toxic additives. Steroid therapy in mild to moderate cases does not improve outcome. Bacterial pneumonia often occurs after exposure, but prophylactic antibiotics are not indicated and should be reserved for documented bacterial pneumonia.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point	: 115 F (46 C)
Method	: TCC
Flammable limits in Air, % by Volume	
LEL	: 0.5
UEL	: 6
Autoignition	: 410 F (210 C)
NFPA Classification	: Class II Combustible Liquid.
NFPA Rating	: Health 0; Flammability 2; Reactivity 0.

Vapor forms explosive mixture with air. Vapors or gases may travel considerable distances to ignition source and flash back.

Extinguishing Media

Water Spray, Foam, Dry Chemical, CO2.

Fire Fighting Instructions

Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for personnel attempting to stop a leak. Water spray may be used to flush spills away from sources of potential ignition.

Products of combustion may contain carbon monoxide, carbon dioxide, and other toxic materials. Do not enter enclosed or confined space without proper protective equipment including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Remove source of heat, sparks, flame, impact, friction, and electricity including internal combustion engines and power tools. If equipment is used for spill cleanup, it must be explosion-proof and suitable for flammable liquid and vapors.

NOTE: Vapors released from the spill may create an explosive atmosphere.

Initial Containment

Dike spill. Prevent material from entering sewers, waterways, or low areas.

Spill Clean Up

Soak up with sawdust, sand, oil dry or other absorbent material.

7. HANDLING AND STORAGE

Handling (Personnel)

Avoid breathing vapors or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Wash clothing after use.

Handling (Physical Aspects)

Ground container when pouring. Keep away from heat, sparks and flames. Close container after each use. Do not pressurize, cut, weld, braze, solder, grind, or drill on or near full or empty

container. Empty container retains residue (liquid and/or vapor) and may explode in heat of a fire.

Storage

Store in accordance with National Fire Protection Association recommendations. Keep container tightly closed. Store in a well ventilated place. Store away from oxidizers, heat, sparks and flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use only with adequate ventilation. Keep container tightly closed.

Personal Protective Equipment

RESPIRATORY PROTECTION

None normally required except in emergencies or when conditions cause excessive airborne levels of mists or vapors. Select appropriate NIOSH-approved respiratory protective equipment when exposed to sprays or mists. Proper respirator selection should be determined by adequately trained personnel and based on the contaminant(s), the degree of potential exposure, and published respirator protection factors.

PROTECTIVE GLOVES

Should be worn when the potential exists for prolonged or repeated skin contact. NBR or neoprene recommended.

EYE/FACE PROTECTION

Wear safety glasses. Wear coverall chemical splash goggles and face shield when the possibility exists for eye and face contact due to splashing or spraying of material.

OTHER PROTECTIVE EQUIPMENT

Coveralls with long sleeves if splashing is probable. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded.

Applicable Exposure Limits

Straight Run Kerosene

TLV	(ACGIH)	: None Established

Petroleum distillate exposure limit applies.

PEL	(OSHA)	: 500 ppm, 2000 mg/m3, 8 Hr. TWA
TLV	(ACGIH)	: None Established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Boiling Point	: 330-572 F (166-300 C)
Vapor Pressure	: 2 mm Hg @ 68 F (20 C)
Vapor Density	: >1 (Air = 1)
% Volatiles	: (by volume) Nil
Solubility in Water	: Insoluble
Odor	: Paraffinic
Form	: Liquid
Color	: Undyed (clear or straw-colored) Low sulfur diesel may be dyed red.
Specific Gravity	: 0.81

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and storage conditions.

Conditions to Avoid

Avoid heat, sparks, and flame.

Incompatibility with Other Materials
Incompatible with oxidizing materials.
Decomposition
Incomplete combustion may produce carbon monoxide.
Polymerization
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Animal Data
Animal studies have shown that prolonged or repeated inhalation exposures to high concentrations of some petroleum distillates have caused liver tumors in mice and kidney damage and tumors in male rats. However, kidney effects were not seen in similar studies involving female rats, guinea pigs, dogs, or monkeys. Present studies indicate the kidney effects will only occur in male rats. Also, human studies do not indicate this peculiar sensitivity for kidney damage and studies reported in 1992 showed that this particular type of rat kidney damage is not useful in predicting a human health hazard. The significance of liver tumors in mice exposed to high doses of chemicals is highly speculative and probably not a good indicator for predicting a potential human carcinogenic hazard.
Mouse skin painting studies have shown that petroleum middle distillates (boiling range 100-700 F; naphtha, jet fuel, diesel fuel, kerosene, etc.) can cause skin cancer when repeatedly applied and never washed from the animal's skin. The relative significance of this to human health is uncertain since the petroleum distillates were not washed from the skin and resulting skin effects (irritation, cell damage, etc.) may play a role in the tumorigenic response. A few studies have shown that washing the animal's skin with soap and water between treatments greatly reduces the carcinogenic effect of some petroleum oils. Other laboratory studies indicate that middle distillates caused the skin tumors by promoting, rather than initiating, the formation of tumors, so the effect is probably dose-related and low level exposure should not be carcinogenic.
Acute toxicity data from studies on a sample of API defined kerosene -

Oral LD50 (rats)	: > 5 g/kg
Skin LD50 (rabbits)	: > 2 g/kg
Inhalation LC50 (rats, 4 hours)	: > 5 mg/L
Skin irritation (rabbits; index, 0-8)	: 4.4 - 5.5
Eye irritation (rabbits; index, 0-110)	: 0 - 0.3
Skin sensitization (guinea pigs)	: Non-sensitizing

Studies in mice and rats have shown that chronic exposure (8 hours/day, 7 days/week, 24 months) to unfiltered diesel exhaust produced tumors of the lungs and also lymphomas. On the basis of these studies, NIOSH recommends that whole diesel exhaust be regarded as a potential carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information
Aquatic tox data for kerosene -

Fish (Rainbow Trout)	: LC50 (96 hr*), 18-25 mg/L**
Daphnia (Water Flea)	: 50% Immobilization (48 hr*), 1.4-21 mg/L**
Algae	: 50% Growth Inhibition (72 hr*), 4-15 mg/L**

* Exposure time.
** Tests reported by CONCAWE, 1996, Report No. 96/55; sample

tested as a sweet, desulfurized kerosene with a bp of 300-550 degrees F.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Do not flush to surface water or sanitary sewer system.

By itself, the liquid is expected to be a RCRA ignitable hazardous waste, when disposed.

14. TRANSPORTATION INFORMATION

Shipping Information

INTERNATIONAL HM-181

Proper Shipping Name	: Gas Oil
Hazard Class	: 3
UN/NA Number	: UN 1202
Packing Group	: III
Label	: Flammable liquid
Placard	: Flammable

DOMESTIC HM-181

Proper Shipping Name	: Fuel oil (or) Diesel fuel
Hazard Class	: Combustible liquid
UN/NA Number	: NA 1993
Packing Group	: III
Label	: None
Placard	: Combustible

Special Information:

Material must be shipped as a flammable liquid in accordance with the international description if shipped by vessel or air.

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA HAZARD DETERMINATION

This material is hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA/SUPERFUND

Not applicable; this material is covered by the CERCLA petroleum exclusion.

SARA, TITLE III, 302/304

This material is not known to contain extremely hazardous substances.

SARA, TITLE III, 311/312

Acute	: Yes
Chronic	: Yes
Fire	: Yes
Reactivity	: No
Pressure	: No

SARA, TITLE III, 313

This material is not known to contain any chemical(s) at a level of 1.0% or greater (0.1% for carcinogens) on the list of Toxic Chemicals and subject to release reporting requirements.

TSCA

Material and/or components are listed in the TSCA Inventory of Chemical Substances (40 CFR 710).

RCRA

This material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable, or reactive according to U.S. definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

CLEAN WATER ACT

The material contains the following ingredient(s) which is considered hazardous if spilled into navigable waters and therefore reportable to the National Response Center (1-800-424-8802).

Ingredient(s) : Petroleum Hydrocarbons
Reportable Quantity : Film or sheen upon, or discoloration of, any water surface

State Regulations (U.S.)

CALIFORNIA "PROP 65"

This material is not known to contain any ingredient(s) subject to the Act.

PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT

This material may contain the following ingredient(s) subject to the Pennsylvania Worker and Community Right to Know Hazardous Substances List.

Ingredient : Kerosene (Petroleum)
Category : Hazardous Substance

Canadian Regulations

CLASS B Division 3 - Combustible Liquid.
CLASS D Division 2 Subdivision B - Toxic Material. Chronic Toxic Effects.

---

16. OTHER INFORMATION

Additional Information: None.

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Responsibility for MSDS : MSDS Coordinator
Address : Conoco Inc.
> : PO Box 2197
> : Houston, TX 77252
Telephone : 1-281-293-5550

# Indicates updated section.

End of MSDS

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© Conoco Inc. 2000 All rights reserved. Legal, Privacy, and Security Notices.
Refer all MSDS questions to the Conoco MSDS administrator.

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **BRANDON POWELL - VERBAL APPROVAL 9/8/06**	4. Generator: Dugan Production Corp 5. Originating Site: Knauff #2
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 31; T 28N; R 10W	Project # 06094-004

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil from compressor site cleanup. Soil contaminated with used motor oil from compressor leak from day barrel connection. Day barrel is used to supply motor oil to the compressor.

CWS attached.

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

SIGNATURE Denny Foust TITLE: Landfarm Manager DATE: September 8, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Dugan Production P.O. Box 420 Farmington N. Mex 87499-0420	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Fed. LS. #NM0764 Knauff #2 1190' FNL & 1850' FWL Sec. 31 T. 28N R. 10W NMPM Location of the Waste (Street address &/or ULSTR): San Juan Co. N. Mex attach list of originating sites as appropriate	
4. Source and Description of Waste Comp Site Clean up. Used motor oil from compressor leak from day barrel connection. Day barrel used to supply motor oil to compressor	

I, Terry Rowell representative for :
Print Name

Dugan Production do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

✓ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

✓ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Terry Rowell

Title: Construction Foreman

Phone Number: 505-325-1821

Date: Sept. 8, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Blagg / Dugan	Project #:	94034-010
Sample ID:	Compressor - Grab #1	Date Reported:	08-31-06
Laboratory Number:	38319	Date Sampled:	08-29-06
Chain of Custody:	1400	Date Received:	08-30-06
Sample Matrix:	Soil	Date Analyzed:	08-31-06
Preservative:	N/A	Date Digested:	08-31-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.116**	**0.001**	**5.0**
Barium	**9.71**	**0.001**	**100**
Cadmium	**0.155**	**0.001**	**1.0**
Chromium	**0.270**	**0.001**	**5.0**
Lead	**0.888**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Knauff #2 Oil Stained Soils**

Analyst

Review

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

30-045-21997 36.62282 x 107.93990

CLIENT: DUGAN

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: _____
COCR NO: 1400

FIELD REPORT: SPILL CLOSURE VERIFICATION

PAGE No: 1 of 1

LOCATION: NAME: KNAUFF WELL #: 2 TYPE: COMPRESSOR
QUAD/UNIT: C SEC: 31 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: 1190 FNL x 1850 FWL CONTRACTOR: DPC - TAYLOR

DATE STARTED: 8-29-06
DATE FINISHED: 8-29-06
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. 15 FT. x 15 FT. x 3 FT. DEEP. CUBIC YARDAGE: 25 ±

DISPOSAL FACILITY: _____ REMEDIATION METHOD: EXCAVATE

LAND USE: RANGE - BLM LEASE: NM 0764 FORMATION: PC

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 12 FT. S35E FROM WELLHEAD

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: <1000

NMOCD RANKING SCORE: 10 NMOCD TPH CLOSURE STD: 1000 PPM

OVM CALIB. READ. = 51.9 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1115 (am)pm DATE: 8-29-06

SOIL AND EXCAVATION
DESCRIPTION: 0'-3'

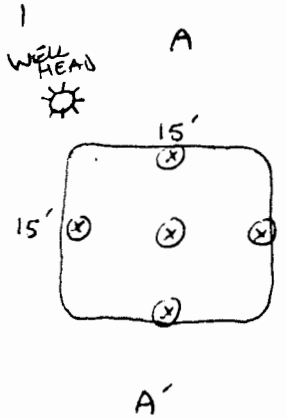
SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / (OTHER) BEDROCK CLAYSTONE @ 3'
SOIL COLOR: LITE TAN
COHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): LOOSE / (FIRM) / DENSE / VERY DENSE
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - EXCAVATED SOILS DARK GRAY
HC ODOR DETECTED: (YES) / NO EXPLANATION - MODERATE - OF MOTOR OIL
SAMPLE TYPE: GRAB / (COMPOSITE) - # OF PTS. 5
ADDITIONAL COMMENTS: COMPRESSOR PLATE USED OIL OVERFLOW TO GROUND SURFACE. USE BACKHOE TO REMOVE IMPACTED SOILS. HIT FIRM BEDROCK CLAYSTONE @ 3'. [GRAB #1 SAMPLE OF HEAVILY STAINED SURFACE SAMPLE BEFORE EXCAVATION]

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

SCALE
0 FT

PIT PERIMETER



P.D. = PIT DEPRESSION; B.G. = BELOW GRADE
T.H. = TEST HOLE

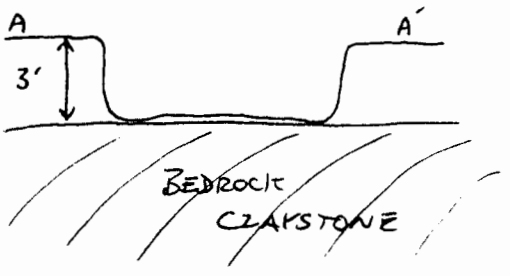
OVM READING

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @	
2 @	
3 @	
4 @	
5 @	
5-POINT @ 3'	7
GRAB #1	11

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
5-PT	T/B/CL	1040
GRAB #1	8 RCRA METALS	1015

PIT PROFILE



TRAVEL NOTES: CALLOUT: _____ ONSITE: 8/29/06

revised: 09/12/01 bei1005R.xls

MATERIAL SAFETY DATA SHEET

INDUSTRIAL SERVICE CORPORATION
P.O. BOX 266219
KANSAS CITY, MISSOURI 64126
816-833-1818

USED OIL

SECTION I. MATERIAL IDENTIFICATION

Date: March 11, 1991

MATERIAL NAME: Petroleum Oil CAS #: Mixture
OTHER DESIGNATION: Used motor oil, use oil, used lubricating oil, used petroleum oil
PROPER SHIPPING NAME: Petroleum Oil N.O.S., Combustible Liquid, NA1270
SUPPLIER: INDUSTRIAL SERVICE CORPORATION
P.O. BOX 266219
Kansas City, Missouri 64126

SECTION 2. INGREDIENTS AND HAZARDS

		CAS#	%	HAZARD DATA
	This product is a mixture of various manufacturer petroleum bearing products typically composed of any of the following: Lubricating oils, transmission, transformer, hydraulic, fuel or cutting oil containing NO Hazardous Waste, or PCB's. These values are based on a typical assortment of ingredients used to make above products and may be present.			
1.	*Solvent-dewaxed heavy paraffinic petroleum distillates	64742650	<99	5 mg/mg OSHA (mist)
2.	*Hydrotreated C25 bright stock based lubricating oil	72623837	<99	5 mg/mg OSHA (mist)
3.	*Severely-solvent refined hydrotreated heavy Naphthenic petroleum distillates	64742525	<50	5 mg/mg OSHA (mist)
4.	Assorted additives; inhibitors, antiwear, detergents, oxidation inhibitors	Mixture	<20	Not established
5.	Water	7732185	<20	N/A

* Refined Petroleum Products are a suspected carcinogen - IARC. New and used motor oils have been tested for potential carcinogenicity in laboratory mice. Only used gasoline motor oils were shown to cause skin cancer when repeatedly applied to mice without any effort to remove material between application. Used diesel engine oils have not been shown to produce a significant incident of skin cancer in laboratory animals when tested under similar conditions.

SECTION 3. PHYSICAL DATA

Typical Data

Boiling Point -	212°F
Specific gravity -	.8 - 1.02
Flash Point -	>160°F (COC)
Vapor Density -	(Air = 1) >1
Solubility in water -	Negligible
Appearance and Odor -	Homogenous brown/black liquid with petroleum odor
Halogens -	0 - 400 ppm
PCB's -	0

Total Non-Soluble Metals

Arsenic -	0 - 5 ppm
Cadmium -	0 - 2 ppm
Chromium -	0 - 10 ppm
Lead -	0 - 100 ppm

SECTION 4, FIRE AND EXPLOSION DATA

Flash Point: ~230°F PMCC
Flammability Limits in Air: Lower - n/a Upper - n/a
Extinguishing Media: Dry chemical, carbon dioxide, foam, water spray. Use water spray to cool fire exposed containers. Do not use a forced water stream directly on oil fire as this will only scatter fire.
Firefighters should wear self-contained breathing apparatus and full protective clothing.
Unusual fire and explosion hazards: Explosion hazard when exposed to heat or flame.
Precautions: Keep away from ignition sources (i.e., heat and open flames)

SECTION 5, REACTIVITY DATA

This is a stable material in closed containers at room temperature under normal storage and handling conditions. It does not undergo hazardous polymerization. Incompatible with strong oxidizing agents; heating increases its fire hazard. Thermal-oxidative degradation may produce various low molecular weight hydrocarbons and hydrocarbon derivatives, carbon monoxide and oxides of sulfur, potassium and zinc.

SECTION 6, HEALTH HAZARD DATA

Route of Entry: inhalation, skin absorption and ingestion
Acute Exposure Symptoms:

Inhalation: Low risk of inhalation. In enclosed spaces or when hot, vapors may reac concentrations sufficient to cause drowsiness, dizziness, headache, nausea or lung irritation. Mists above TLV may cause chemical pneumonitis and respiratory irritation.

Skin: Prolonged or repeated skin contact may cause irritation and block the sebaceous glands, with a rash of acne-like pimples and spots, usually on the arms and legs.

Ingestion: Chemical pneumonitis

Chronic Exposure: Prolonged and/or frequent contact may cause oil acne, dermatitis, or folliculitis.

FIRST AID

Eye Contact: Flush eyes thoroughly with copious amounts of running water, including under eyelids. Seek medical aid if complications arise.

Skin Contact: Wash affected area with soap and water, remove contaminated clothing.

Inhalation: Remove to fresh air. Restore and/or support breathing as necessary. Seek medical aid.

Ingestion: Do Not induce vomiting. Seek medical aid.

SECTION 7. SPILL, LEAK AND DISPOSAL PROCEDURES

Procedures if material is spilled: Remove sources of heat or ignition, provide adequate ventilation, contain leak. Absorb small spills with suitable materials such as rags, oil dry or sand. Report all spills as appropriate authorities.

Chemtrec Emergency Number - 1-800-434-9300

Waste Disposal: It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal. Check before disposing to be sure you are in compliance with all applicable laws and regulations.

SECTION 8. SPECIAL PROTECTION INFORMATION

WARNING! Avoid skin contact with used motor oils.
Provide general and local exhaust ventilation if heated or misted. Provide approved respiratory apparatus for non-routine or emergency requirements. Wear protective rubber gloves and chemical safety glasses where contact with liquid is possible. An apron or additional suitable protective clothing is recommended. Launder soiled clothing before reuse.

SECTION 9. SPECIAL PRECAUTIONS AND COMMENTS

Store in closed containers in a well-ventilated area away from sources of strong oxidants, heat and ignition. Store below 120 F. DOT Hazard label is not required.

SECTION 10. SARA TITLE III

This product is a mixture of various manufacturers petroleum bearing products, review of many supplier's MSDS reveal the following information:

A.	Sara Title III Section 302/203	Not Applicable
B.	Cercla Section 102(a)	Not Applicable
C.	Title III Section 311	Not Applicable
D.	Title III Section 313	Not Applicable

The information accumulated herein is believed to be accurate but is not warranted to be, whether originated with Industrial Service Corporation or not. Recipients are advised to confirm in advance if needed, that the information is current, and suitable to their circumstances.

PREPARED BY: _____ REVIEWED BY: _____

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Conoco Phillips 5. Originating Site: Jicarilla E #11
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Dawn
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 22; T 26N; R 4W Rio Arriba County	Project #96052-711

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 20 cy soil contaminated with unused Havoline 10-40 motor oil due to spill on day tank from lost valve.

CWS and MSDS for Havoline 10-40 motor oil attached

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 12/06/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 12-6

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **Jicarilla E #11** **API#** 30-039-2111 **hCOP**	Location of the Waste (Street address &/or ULSTR): **S- 22 T- 26N R- 04W** **Rio Arriba County, New Mexico**
4. Source and Description of Waste **Unused Havoline 10-40 motor oil spill on day tank due to lost valve. Transporter Dawn Trucking Approx 20 cy.**	
5. WO 4295595	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ __**EXEMPT** oilfield waste

X _**NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

__**X**_MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 12/6/06

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Verbal approval Brandon Powell 6/13/06	4. Generator: Conoco Phillips
	5. Originating Site: FC Federal Com #3
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Unit B; S 13; T 32N; R 11W; San Juan County	Project # 96052-565

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 20 bbl tank bottoms containing used compressor oil and tank wash. RCRA metals analysis performed on 6/06/06 revealed the following levels: Arsenic nondetect; Barium nondetect; Cadmium nondetect; Chromium nondetect; Lead nondetect; Mercury nondetect; Selenium 0.009 mg/L and Silver nondetect.

CWS and analytical attached

Estimated Volume 20 bbl Known Volume (to be entered by the operator at the end of the haul) _____ bbl

SIGNATURE Morris D Young TITLE: Landfarm Manager DATE: 06/09/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Morris D Young TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: Brandon Powell TITLE: Envirol Spec DATE: 6/13/06

APPROVED BY: _____ TITLE: _____ DATE: _____

96052-98?

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): FC Federal Com #3 API # 30-045-27545 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): Unit B, Section 13, T32N, R11W 820' FNL & 1670' FEL San Juan County, New Mexico
4. Source and Description of Waste Approximately 20 BBL tank bottoms containing used compressor oil and tank wash. RCRA metals analysis performed on 6-6-06 revealed the following levels: Arsenic non-detect; Barium non-detect; Cadmium non-detect; Chromium non-detect; Lead non-detect; Mercury non-detect; Selenium 0.009 mg/L; and Silver non-detect.	

I, Monica D. Johnson representative for :
Print Name

ConocoPhillips Company do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

_____ **EXEMPT** oilfield waste

__X__ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

____MSDS Information
_X_RCRA Hazardous Waste Analysis
____Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Monica D. Johnson

Title: Environmental Specialist

Phone Number: 505-599-3458

Date: June 9, 2006

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-000
Sample ID:	Tank Oil	Date Reported:	06-06-06
Laboratory Number:	37338	Date Sampled:	06-02-06
Chain of Custody:	1042	Date Received:	06-05-06
Sample Matrix:	Oil	Date Analyzed:	06-06-06
Preservative:	N/A	Date Digested:	06-05-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**ND**	**0.001**	**5.0**
Barium	**ND**	**0.001**	**100**
Cadmium	**ND**	**0.001**	**1.0**
Chromium	**ND**	**0.001**	**5.0**
Lead	**ND**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.009**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **FC Federal Com #3.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	06-06 TM QA/AC	Date Reported:	06-06-06
Laboratory Number:	37326	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	06-06-06
Condition:	N/A	Date Digested:	06-05-06

Blank/Duplicate Conc. (mg/kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.079**	**0.078**	**1.3%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**7.85**	**7.82**	**0.4%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.021**	**0.021**	**0.0%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.219**	**0.216**	**1.4%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**0.189**	**0.187**	**1.1%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.079**	**0.577**	**99.7%**	**80% - 120%**
Barium	**0.500**	**7.85**	**8.33**	**99.8%**	**80% - 120%**
Cadmium	**0.500**	**0.021**	**0.521**	**100.0%**	**80% - 120%**
Chromium	**0.500**	**0.219**	**0.716**	**99.6%**	**80% - 120%**
Lead	**0.500**	**0.189**	**0.686**	**99.6%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.497**	**99.4%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.500**	**100.0%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 37326, 37338, 37340.**

Analyst

Review

CHAIN OF CUSTODY RECORD

1042

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	FC Federal Com #3	
Sampler: Bobby Newman	Client No. 96052-026-000	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX 8021B						Remarks
Tank Oil	5/2/06	1330	37338	Oil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature) Bobby Newman	6/5/06	10:00AM	Received by: (Signature) Mistie M Walker	6/05/06	1006
Relinquished by: (Signature)			Received by: (Signature)		

Results to monica
Call : 320-4908 - Bobby.

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ 11/21/06 1:10 PM Brandon Powell Verbal Approval Via Phone To V. Young	4. Generator: Universal Compression 5. Originating Site: Wayne Moore 2S
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 16; T 31N; R 9W	Project # 98059-044

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with used compressor/engine oil. Leak came from leaking tubing fittings and a damaged oil pan gasket on the engine which was going to the compressor lubricator pump. RCRA metals testing done 11/21/06 revealed the following levels: Arsenic 0.155 mg/Kg; Barium 11.1 mg/Kg; Cadmium 0.063 mg/Kg; Chromium 0.203 mg/Kg; Lead 0.371 mg/Kg; Mercury ND mg/Kg; Selenium ND mg/Kg; Silver 0.001 mg/Kg.

CWS, MSDS for Mobil Pegasus 505 oil and analytical attached.

Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/20/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 11/22

APPROVED BY: _____ TITLE: _____ DATE: _____

RCVD NOV22'06
OIL CONS. DIV.
DIST. 3

98059-044

11-16-06;03:38PM;

1/ 1

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Universal Compression 3440 Morningstar Dr. Farmington, New Mexico 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Wayne Moore #2S attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): SEC 16 - T31N - R9W
4. Source and Description of Waste The waste being removed is used compressor/engine oil which originated from a damaged oil pan gasket on the engine as well as a broken tubing fitting on the compressor which attached to the compressor lubricator pump.	

I, James S. Ochoa representative for :
Print Name

Universal Compression do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

nd that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

or **NON-EXEMPT** waste the following documentation is attached (check appropriate items):

_X_ MSDS Information
_X_ RCRA Hazardous Waste Analysis
_X_ Chain of Custody
___ Other (description

his waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 MAC 3.1 subpart 1403.C and D.

ame (Original Signature): James S. Ochoa

tle: Lead Service Representative

one Number: (505) 320-0187

te: 11/20/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Universal	Project #:	98059-044
Sample ID:	Soil	Date Reported:	11-21-06
Laboratory Number:	39257	Date Sampled:	11-20-06
Chain of Custody:	1734	Date Received:	11-20-06
Sample Matrix:	Soil	Date Analyzed:	11-21-06
Preservative:	N/A	Date Digested:	11-20-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.155**	**0.001**	**5.0**
Barium	**11.1**	**0.001**	**100**
Cadmium	**0.063**	**0.001**	**1.0**
Chromium	**0.203**	**0.001**	**5.0**
Lead	**0.371**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.001**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Wayne Moore 2S**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	11-21 TM QA/AC	Date Reported:	11-21-06
Laboratory Number:	39231	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	11-21-06
Condition:	N/A	Date Digested:	11-20-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	**ND**	**ND**	**0.001**	**0.053**	**0.052**	**1.9%**	**0% - 30%**
Barium	**ND**	**ND**	**0.001**	**3.78**	**3.81**	**0.8%**	**0% - 30%**
Cadmium	**ND**	**ND**	**0.001**	**0.113**	**0.115**	**1.8%**	**0% - 30%**
Chromium	**ND**	**ND**	**0.001**	**0.195**	**0.199**	**2.1%**	**0% - 30%**
Lead	**ND**	**ND**	**0.001**	**2.66**	**2.69**	**1.1%**	**0% - 30%**
Mercury	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Selenium	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**
Silver	**ND**	**ND**	**0.001**	**ND**	**ND**	**0.0%**	**0% - 30%**

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	**0.500**	**0.053**	**0.551**	**99.6%**	**80% - 120%**
Barium	**0.500**	**3.78**	**4.27**	**99.8%**	**80% - 120%**
Cadmium	**0.500**	**0.113**	**0.611**	**99.7%**	**80% - 120%**
Chromium	**0.500**	**0.195**	**0.693**	**99.7%**	**80% - 120%**
Lead	**0.500**	**2.66**	**3.15**	**99.7%**	**80% - 120%**
Mercury	**0.500**	**ND**	**0.498**	**99.6%**	**80% - 120%**
Selenium	**0.500**	**ND**	**0.497**	**99.4%**	**80% - 120%**
Silver	**0.500**	**ND**	**0.499**	**99.8%**	**80% - 120%**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 39231, 39245, 39253 - 39254, 39256 - 39257, 39184**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1734

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Universal	Wayne Moore 2S	
Sampler: Johnson Yazzie	Client No. 98059-044	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 Metals						Remarks
Soil	11/20/06	9:30	39257	SOIL	1							

	Date	Time		Date	Time
Relinquished by: (Signature) Johnson Yazzie	11-20-06	1:27	Received by: (Signature) Glenda Wall	11/20/06	13 27
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

RESULTS TO APRIL

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

ExxonMobil

602466-00 MOBIL PEGASUS 805
MATERIAL SAFETY DATA BULLETIN

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 805
SUPPLIER: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037

24 - Hour Health and Safety Emergency (call collect): 609-737-4411

24 - Hour Transportation Emergency:
CHEMTREC: 800-424-9300 202-483-7616
LUBES AND FUELS: 281-834-3296

Product and Technical Information:
Lubricants and Specialties: 800-662-4525 800-443-9966
Fuels Products: 800-947-9147
MSDS Fax on Demand: 713-613-3661
MSDS Internet Website: http://www.exxon.com, http://www.mobil.com

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

OTHER INGREDIENTS:

Substance Name	Approx. Wt%
POLY BUTENYL SUCCINIMIDE	1-5

See Section 8 for exposure limits (if applicable).

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3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15).

EMERGENCY OVERVIEW: Light Amber Liquid. DOT ERG No. : NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

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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. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

---

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.

COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 245(473) (ASTM D-92).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%

NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

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6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center 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:

LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by

pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

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: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist)- ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.

RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.

EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices

should always be followed.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

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

APPEARANCE: Liquid
COLOR: Light Amber
ODOR: Marketable
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 288(550)
MELTING POINT C(F): NA
FLASH POINT C(F): > 245(473) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: < 0.1
VAPOR DENSITY: > 2.0
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.89
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: 130.0
VISCOSITY AT 100 C, cSt: 13.5
POUR POINT C(F): < -12(10)
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
NA=NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

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10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
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). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.

OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.

---SUBCHRONIC TOXICOLOGY (SUMMARY)---

No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---

No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.

---CHRONIC TOXICOLOGY (SUMMARY)---

Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: 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 various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.

---SENSITIZATION (SUMMARY)---

Not expected to be sensitizing based on tests of this product, components, or similar products.

---

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS:

In the absence of specific environmental data for this product, this

assessment is based on information for representative products.

ECOTOXICITY: Available ectoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product.

MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.

PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal.

---

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. 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 an appropriate government 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. The unused product is not formulated with substances covered 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.

STATIC ACCUMULATOR (50 picosiemens or less): YES

---

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in

accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

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

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 subject to the supplier notification requirements of 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
PHOSPHORODITHOIC ACID, O,O-DI C1-14-ALKYL ESTERS, ZINC SALTS (2: 1) (ZDDP) (0.33%)	68649-42-3	22

--- REGULATORY LISTS SEARCHED ---

1=ACGIH ALL	6=IARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293
3=ACGIH A2	8=IARC 2B	13=TSCA 5e	18=CA RTK	23=MN RTK
4=NTP CARC	9=OSHA CARC	14=TSCA 6	19=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

* EPA recently added new chemical substances to its TSCA Section 4 test rules. Please contact the supplier to confirm whether the ingredients in this product currently appear on a TSCA 4 or TSCA 12b list.
Code key:CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: ENGINE LUBRICANT

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided

on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

****
For Internal Use Only: MHC: 1* 1* 1* 1* 1*, MPPEC: A, TRN: 602466-00, ELIS: 400795, CMCS97: 97D936, REQ: US - MARKETING, SAFE USE: L
EHS Approval Date: 24SEP2002
****

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. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Exxon Mobil Corporation and its affiliated companies assume no responsibility for accuracy of information unless the document is the most current available from an official ExxonMobil distribution system. Exxon Mobil Corporation and its affiliated companies neither represent nor warrant that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

Prepared by: ExxonMobil Oil Corporation
Environmental Health and Safety Department, Clinton, USA

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐ Verbal approval Brandon Powell 11/17/06	4. Generator: Conoco Phillips
	5. Originating Site: FC State 3
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 36; T 31N; R 9W Rio Arriba County	Project #96052-693

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 20 cy hydrocarbon impacted soil from cleaning around compressor on location.

RCRA metals done 11/2/06 revealed the following metals based on ~~TCLP~~ RCRA standards: Arsenic 0.14 mg/Kg; Barium 9.5 mg/Kg; Cadmium nondetect; Chromium 0.115 mg/Kg; Lead 0.115 mg/Kg; Selenium nondetect and Silver nondetect. Results divided by 20 to get TCLP standards.

CWS and analyticals attached

Estimated Volume 20 bbl Known Volume (to be entered by the operator at the end of the haul) _____ bbl

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/16/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 11/22

APPROVED BY: _____ TITLE: _____ DATE: _____

RCVD NOV22'06
OIL CONS. DIV.
DIST. 3

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

96052
693

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address ConocoPhillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **FC State #3** **hCOP**	Location of the Waste (Street address &/or ULSTR): **S- 36 T- 31N R- 09W** **San Juan County, New Mexico**
4. Source and Description of Waste **Hydrocarbon impacted soils from cleaning up around a compressor. Approx 20 cy**	
5. WO #4243485	

I, Ed Hasely representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___MSDS Information
_X_RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Ed Hasely

Title: Env. Rep
Date: 11/16/06

FC 0806 COM #5

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Nov-06*

CLIENT:	Envirotech	**Client Sample ID:**	38984
Lab Order:	0611026	**Collection Date:**	10/31/2006 9:00:00 AM
Project:	Conoco Phillips	**Date Received:**	11/2/2006
Lab ID:	0611026-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 7471: MERCURY						Analyst: MAP
Mercury	ND	0.033		mg/Kg	1	11/13/2006
EPA METHOD 6010B: SOIL METALS						Analyst: NMO
Arsenic	2.8 3.14	2.5		mg/Kg	1	11/9/2006 1:21:08 PM
Barium	190 9.5	0.50		mg/Kg	5	11/9/2006 12:03:28 PM
Cadmium	ND	0.10		mg/Kg	1	11/9/2006 11:32:14 AM
Chromium	2.3 0.115	0.30		mg/Kg	1	11/9/2006 11:32:14 AM
Lead	4.2 0.21	0.25		mg/Kg	1	11/9/2006 11:32:14 AM
Selenium	ND	2.5		mg/Kg	1	11/9/2006 11:32:14 AM
Silver	ND	0.25		mg/Kg	1	11/9/2006 11:32:14 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Conoco Phillips Work Order: 0611026

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW7471									
Sample ID: MB-11739		*MBLK*			**Batch ID: 11739**		**Analysis Date:**		11/13/2006
Mercury	ND	mg/Kg	0.033						
Sample ID: LCS-11739		*LCS*			**Batch ID: 11739**		**Analysis Date:**		11/13/2006
Mercury	0.1680	mg/Kg	0.033	101	80	120			
Method: SW6010A									
Sample ID: MB-11677		*MBLK*			**Batch ID: 11677**		**Analysis Date:**		11/9/2006 10:31:33 AM
Arsenic	ND	mg/Kg	2.5						
Barium	ND	mg/Kg	0.10						
Cadmium	ND	mg/Kg	0.10						
Chromium	ND	mg/Kg	0.30						
Lead	ND	mg/Kg	0.25						
Selenium	ND	mg/Kg	2.5						
Silver	ND	mg/Kg	0.25						
Sample ID: LCS-11677		*LCS*			**Batch ID: 11677**		**Analysis Date:**		11/9/2006 10:22:40 AM
Arsenic	26.17	mg/Kg	2.5	105	80	120			
Barium	24.59	mg/Kg	0.10	98.3	80	120			
Cadmium	24.59	mg/Kg	0.10	98.3	80	120			
Chromium	24.24	mg/Kg	0.30	96.9	80	120			
Lead	24.46	mg/Kg	0.25	97.8	80	120			
Selenium	19.76	mg/Kg	2.5	79.0	80	120			S
Silver	23.78	mg/Kg	0.25	95.1	80	120			

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ENV T | Date and Time Received: 11/2/2006

Work Order Number 0611026 | Received by GLS

Checklist completed by [signature] Date 11-2-06

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	5°	*4° C ± 2 Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding

Comments:

Corrective Action

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other: _____

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: ENVIROTECH

Address: 5796 US HWY 64
FARMINGTON, NM
87401

Phone #: 505 632 0615

~~Fax #~~

e-mail: dajeman@envirotech-inc.com

Project Name: CONOCO PHILLIPS

Project #: 96052-026

Project Manager: CHRISTINE WALTERS

Sampler: F. MC DONALD

Sample Temperature: 5.0

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
10/31/06	0900	SOIL	38984	1-4oz. JAR				0611026 -1

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles or Headspace (Y or N)
							✓									

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	
11/01/06	08:45	Rick Hull	Phillippa	11-2-06 0950
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

Remarks: REF PO # 5103

CHAIN OF CUSTODY RECORD

1640

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	FC State Com #3	
Sampler: F. McDonald	Client No. 96052-026-297	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8						Remarks
#1	10/31/06	9:00	38984	Soil	1	x						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/31/06	12:40	[signature]	10/31/06	12:40
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Charge Code: 24243485

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 578-129

RCVD NOV22'06
OIL CONS. DIV.
DIST. 3

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BY BRANDON POWELL** 11/17/06	4. Generator: The Hanover Company
	5. Originating Site: Trunk L CDP
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 21; T 28N; R 5W Rio Arriba County	Project #99043-030

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with used engine oil. Metals testing measured by total ~~TCLP~~ RCRA standards 10/31/06 revealed the following levels: Arsenic nondetect; Barium 14.5 mg/Kg; Cadmium nondetect; Chromium 0.275 mg/Kg; Lead 0.355 mg/Kg; Mercury 0.17 mg/Kg; Selenium nondetect; Silver nondetect. Results divided by 20 to get TCLP standards.

CWS, MSDS and analyticals attached.

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: November 17, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 11/22

APPROVED BY: _____ TITLE: _____ DATE: _____

Tim Yates

99043-030

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Hanover Compression 1280 Troy King Road Farmington NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Trunk L CDP attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): S 21 T 28N R 5W Rio Arriba County
4. Source and Description of Waste Used motor oil leaked on ground from compressor station units from overflows, hose leaks, etc. Never in contact with production stream.	

I, Greg Roberts representative for :
Print Name

Hanover Compression do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

XX **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
X RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): _____

Title: Lead Field Mechanic

Phone Number: 320-6630

Date: 11-1-06

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Nov-06*

CLIENT:	Envirotech	**Client Sample ID:**	38991
Lab Order:	0611028	**Collection Date:**	10/31/2006 4:30:00 PM
Project:	Hanover	**Date Received:**	11/2/2006
Lab ID:	0611028-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 7471: MERCURY						Analyst: MAP
Mercury	0.36	0.17		mg/Kg	5	11/13/2006
EPA METHOD 6010B: SOIL METALS						Analyst: NMO
Arsenic	ND	12		mg/Kg	5	11/9/2006 1:27:04 PM
Barium	~ 290 14.5	1.0		mg/Kg	10	11/9/2006 12:11:23 PM
Cadmium	ND	0.50		mg/Kg	5	11/9/2006 12:06:22 PM
Chromium	5.5 .275	1.5		mg/Kg	5	11/9/2006 12:06:22 PM
Lead	7.1 .355	1.2		mg/Kg	5	11/9/2006 12:06:22 PM
Selenium	ND	12		mg/Kg	5	11/9/2006 12:06:22 PM
Silver	ND	1.2		mg/Kg	5	11/9/2006 12:06:22 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Envirotech
Project: Hanover **Work Order:** 0611028

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SW7471									
Sample ID: MB-11739		*MBLK*			**Batch ID:**	**11739**	**Analysis Date:**		11/13/2006
Mercury	ND	mg/Kg	0.033						
Sample ID: LCS-11739		*LCS*			**Batch ID:**	**11739**	**Analysis Date:**		11/13/2006
Mercury	0.1680	mg/Kg	0.033	101	80	120			
Method: SW6010A									
Sample ID: MB-11677		*MBLK*			**Batch ID:**	**11677**	**Analysis Date:**		11/9/2006 10:31:33 AM
Arsenic	ND	mg/Kg	2.5						
Barium	ND	mg/Kg	0.10						
Cadmium	ND	mg/Kg	0.10						
Chromium	ND	mg/Kg	0.30						
Lead	ND	mg/Kg	0.25						
Selenium	ND	mg/Kg	2.5						
Silver	ND	mg/Kg	0.25						
Sample ID: LCS-11677		*LCS*			**Batch ID:**	**11677**	**Analysis Date:**		11/9/2006 10:22:40 AM
Arsenic	26.17	mg/Kg	2.5	105	80	120			
Barium	24.59	mg/Kg	0.10	98.3	80	120			
Cadmium	24.59	mg/Kg	0.10	98.3	80	120			
Chromium	24.24	mg/Kg	0.30	96.9	80	120			
Lead	24.46	mg/Kg	0.25	97.8	80	120			
Selenium	19.76	mg/Kg	2.5	79.0	80	120			S
Silver	23.78	mg/Kg	0.25	95.1	80	120			

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ENV T | Date and Time Received: 11/2/2006

Work Order Number 0611028 | Received by GLS

Checklist completed by D Schlupp 11-2-06
Signature | Date

Matrix | Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? 5° *4° C ± 2 Acceptable*
If given sufficient time to cool.

COMMENTS:

Client contacted | Date contacted: | Person contacted

Contacted by: | Regarding

Comments:

Corrective Action

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: ENVIROTECH

Project Name: HANOVER

Address: 5796 US HWY 64
FARMINGTON, NM
87401

Project #: 99043-030

Project Manager: CHRISTINE WALTERS

Phone #: 505-632-0615

Sampler: GREG ROBERTS

~~Fax #:~~ mail: dajeman@envirotech-inc.com

Sample Temperature: 5°

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
10/31/06	1630	SOIL	38991	1-4oz. JAR				0611028-1

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles or Headspace (Y or N)
							✓									

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	
11/01/06	08:45			11-2-06 0955
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

Remarks:

REF PO# 5105

CHAIN OF CUSTODY RECORD

1644

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Hanover	Trunk L CDP	
Sampler: Greg Roberts	Client No. 99043-007	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA 8 metals						Remarks
Soil	10/31/06	4:30	38991	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/1/06	7:08	April E Pohl	11/1/06	7:08
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact			
Cool - Ice/Blue Ice			

san juan reproduction 578-129

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BRANDON POWELL 11/14/06**	4. Generator: Richardson Operating
	5. Originating Site: Kirtland compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 11; T 29N; R 15W	Project # 98094-010

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept 6 bbl hydrocarbon impacted material from site cleanup. RCRA metals testing completed 7/25/06 revealed the following levels on composite 3 oil drum samples: Arsenic 0.013 mg/Kg; Barium 0.722 mg/Kg; Cadmium 0.084 mg/Kg; Chromium 0.951 mg/Kg; Lead 0.511 mg/Kg; Mercury nondetect; Selenium 0.017 mg/Kg; Silver nondetect. Sample composite on 3 water drums revealed the following: Aresenic 0.32 mg/KG; Barium 4.93 mg/Kg; Cadmium 0.011 mg/Kg; Chromium 0.823 mg/Kg; Lead 0.674 mg/Kg; Mercury nondetect; Selenium 0.040 mg/Kg; Silver nondetect.

CWS and analyticals attached

Estimated Volume 6 bbl Known Volume (to be entered by the operator at the end of the haul) _____bbl

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/13/2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BP TITLE: _____ DATE: 11/22

APPROVED BY: _____ TITLE: _____ DATE: _____

11-10-06:03:41PM: # 2/ 2

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Richardson Operating Company 5608 S. Quebec St. Ste 300B Greenwood Village CO 80111	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Kirtland Compressor Station	Location of the Waste (Street address &/or ULSTR): S11: T29N: R15W
attach list of originating sites as appropriate	
4. Source and Description of Waste 5 drums hydrocarbon impacted soil from site cleanup 1 drum hazardous material to be disposed of by Safety Kleen	

I, John A Heinle (Print Name) representative for:

Richardson Operating Co do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

XX **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

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

___ MSDS Information
___ Other (description
X RCRA Hazardous Waste Analysis
X Chain of Custody

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): John A. Heinle John A. Heinle

Title: Land / Engineering

Phone Number: 303-830-8000

Date: 11/13/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Richardson	Project #:	98094-010
Sample ID:	Comp Oil Drums	Date Reported:	07-25-06
Laboratory Number:	37939	Date Sampled:	07-19-06
Chain of Custody:	1232	Date Received:	07-20-06
Sample Matrix:	Liquid	Date Analyzed:	07-25-06
Preservative:	Cool	Date Digested:	07-24-06
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**0.013**	**0.001**	**5.0**
Barium	**0.722**	**0.001**	**100**
Cadmium	**0.084**	**0.001**	**1.0**
Chromium	**0.951**	**0.001**	**5.0**
Lead	**0.511**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.017**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Kirtland**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Richardson	Project #:	98094-010
Sample ID:	Comp Water Drums	Date Reported:	07-25-06
Laboratory Number:	37940	Date Sampled:	07-19-06
Chain of Custody:	1232	Date Received:	07-20-06
Sample Matrix:	Liquid	Date Analyzed:	07-25-06
Preservative:	Cool	Date Digested:	07-24-06
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**0.032**	**0.001**	**5.0**
Barium	**4.93**	**0.001**	**100**
Cadmium	**0.011**	**0.001**	**1.0**
Chromium	**0.823**	**0.001**	**5.0**
Lead	**0.674**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.040**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Kirtland**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Richardson	Project #:	98094-010
Sample ID:	Comp Unknown Drums	Date Reported:	07-25-06
Laboratory Number:	37941	Date Sampled:	07-19-06
Chain of Custody:	1232	Date Received:	07-20-06
Sample Matrix:	Liquid	Date Analyzed:	07-25-06
Preservative:	Cool	Date Digested:	07-24-06
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	TCLP Regulatory Level (mg/L)
Arsenic	**3.27**	**0.001**	**5.0**
Barium	**0.678**	**0.001**	**100**
Cadmium	**0.299**	**0.001**	**1.0**
Chromium	**1.00**	**0.001**	**5.0**
Lead	**0.336**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**2.21**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Kirtland**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	07-25-TM QA/QC	Date Reported:	07-25-06
Laboratory Number:	37939	Date Sampled:	N/A
Sample Matrix:	Liquid	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	07-25-06
Condition:	N/A	Date Digested:	07-24-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.013	0.013	0.0%	0% - 30%
Barium	ND	ND	0.001	0.722	0.726	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.084	0.083	1.2%	0% - 30%
Chromium	ND	ND	0.001	0.951	0.955	0.4%	0% - 30%
Lead	ND	ND	0.001	0.511	0.508	0.6%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.017	0.017	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.013	0.512	99.8%	80% - 120%
Barium	0.500	0.722	1.22	99.8%	80% - 120%
Cadmium	0.500	0.084	0.581	99.5%	80% - 120%
Chromium	0.500	0.951	1.45	99.9%	80% - 120%
Lead	0.500	0.511	1.01	99.9%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	0.017	0.516	99.8%	80% - 120%
Silver	0.500	ND	0.500	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for samples 37939 - 37941**

Analyst

Review

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CHAIN OF CUSTODY RECORD

1232

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Richardson	Kirtland	
Sampler: Tony	Client No. 98094-010	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	Metals (RCRA 8?)	Remarks
Comp oil drums	7-19-06	13:00	37939	L	1	✓	needed for LF disposal
Comp water drums	↓	13:25	37940	↓	1	✓	
Comp unknown drums	↓	13:50	37941	↓	1	✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7-20-06	15:45	[signature]	7/20/06	15:45
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

con ivan reproduction 578-199

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BRANDON POWELL 11/30/06**	4. Generator: Enterprise Field Services LLC
	5. Originating Site: Lindrith Compressor
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 18, T 24N, R 5W	Project #97057-138

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with Tri-Ethylene glycol. Hose failed which released material onto ground. RCRA metals (totals were divided by 20 to get TCLP levels) testing completed 11/20/06 revealed the following levels: Arsenic .06 mg/kg; Barium 18.65 mg/Kg; Cadmium .004 mg/Kg; Chromium .468 mg/Kg; Lead .565 mg/Kg; Mercury .009 mg/Kg; Selenium .100 mg/Kg; Silver .016 mg/Kg.

CWS, MSDS for Tri-Ethylene glycol and analyticals attached

Estimated Volume 5 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Environmental Geologist DATE: 11/29/06

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Enterprise Field Services, LLC. 614 Reilly Avenue Farmington, NM 87401	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Lindrith Compressor Station attach list of originating sites as appropriate	Location of Waste (Street address &/or ULSTR): Section 18 T 24N R 5W
4. Source and Description of Waste Tri-Ethylene Glycol spill of approximately 100 gallons occurred due to failure of a hose which released this material onto the surrounding ground surface. Approximately 5 cubic yards of soil has been impacted which will be transported to Envirotech's land farm for treatment.	

I, Don Fernald representative for:
Print Name

Enterprise Field Services, LLC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988 regulatory determination, the above described waste is:
(Check appropriate classification)

____ **EXEMPT** Oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-hazardous waste defined above.

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

____ MSDS Information
RCRA Hazardous Waste Analysis

X Other (description)
Laboratory Test data attached
(RCRA Metals)

X Chain of Custody

This Waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Don Fernald

Title: Environmental Representative

Date: 11/29/06

612 E. Murray Drive
Farmington, NM 87401

Off: (505) 327-1072
Fax: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

November 21, 2006

Donald J. Fernald
Enterprise Products
614 Reilly Avenue
Farmington, NM 87401

TEL: (505) 599-2141
FAX: (505) 599-2119

RE: Lindrith Plant

Order No.: 0611026

Dear Donald J. Fernald:

iiná bá received 1 sample on 11/15/2006 2:30:00 PM for the analyses presented in the following report.

This certificate of analysis includes the Analytical Report(s) for the sample(s) received by the laboratory. A Quality Control Summary Report, the Sample Receipt Checklist and an executed Chain of Custody are included as an addendum to this report.

Should you have any questions regarding this certificate of analysis, please contact the laboratory at your convenience.

Report Approved By:
Jeffrey L. Engels, Laboratory Manager
Edwina F. Aspaas, Quality Assurance Officer

This certificate of analysis and respective material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the person responsible for delivering this to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify the laboratory immediately at (505) 327-1072.

ACCREDITED IN ACCORDANCE WITH

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

iiná bá **Date:** *21-Nov-06*

CLIENT: Enterprise Products
Project: Lindrith Plant
Lab Order: 0611026

CASE NARRATIVE

Samples were analyzed using the methods outlined in one or more of the following references:
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.
Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, March 1983.
Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
Methods for the Determination of Metals in Environmental Samples, Supplement I, EPA-600/R-94/111,
May 1994.

Any quality control and/or data qualifiers associated with this laboratory order will be flagged in the analytical result page(s), the quality control summary report(s) or the sample receipt checklist.

612 E. Murray Drive
Farmington, NM 87499

Off: (505) 327-1072
FAX: (505) 327-1496

iiná bá

P.O. Box 3788
Shiprock, NM 87420

Off: (505) 368-4065

ANALYTICAL REPORT

Date: *21-Nov-06*

CLIENT:	Enterprise Products	**Client Sample Info:**	
Work Order:	0611026	**Client Sample ID:**	Lindreth Plant (TEG Spill)
Project:	Lindrith Plant	**Collection Date:**	11/15/2006 10:55:00 AM
Lab ID:	0611026-001A	**Matrix:**	SOIL

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		**SW6010B**		**(SW3050B)**		Analyst: **jle**
Arsenic	< 1.20 .06	1.20		mg/Kg	1	11/20/2006 12:29:26 PM
Barium	373 18.65	1.38		mg/Kg	5	11/20/2006 1:16:08 PM
Cadmium	< 0.0922 .004	0.0922		mg/Kg	1	11/20/2006 12:29:26 PM
Chromium	9.36 .468	0.784		mg/Kg	1	11/20/2006 12:29:26 PM
Lead	11.3 .565	0.784		mg/Kg	1	11/20/2006 12:29:26 PM
Selenium	2.01 .100	1.48		mg/Kg	1	11/20/2006 12:29:26 PM
Silver	< 0.323 .016	0.323		mg/Kg	1	11/20/2006 12:29:26 PM
MERCURY, TOTAL		**SW7471**		**(SW7471)**		Analyst: **elc**
Mercury	< 0.199 .009	0.199		mg/Kg	1	11/20/2006

Qualifiers:

ND - Not Detected at the Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted precision limits
E - Value above Upper Quantitation Limit - UQL

CLIENT: Enterprise Products
Work Order: 0611026
Project: Lindrith Plant

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: **0611026-001APDS**	SampType: **PDS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date:	Run ID: **ICP_1_061120A**
Client ID: **Lindreth Plant (TEG**	Batch ID: **1480**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **11/20/2006**	SeqNo: **121728**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	227.8	6.00	230.6	0	98.8	75	125	0	0		
Barium	595.3	1.38	230.6	373.2	96.3	75	125	0	0		
Cadmium	244.9	0.461	230.6	0	106	75	125	0	0		
Chromium	236.8	3.92	230.6	10.3	98.2	75	125	0	0		
Lead	258.5	3.92	230.6	11.4	107	75	125	0	0		
Selenium	248.4	7.38	230.6	3.52	106	75	125	0	0		
Silver	238.7	1.61	230.6	0	104	75	125	0	0		

Sample ID: **MB_1480**	SampType: **MBLK**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **11/17/2006**	Run ID: **ICP_1_061120A**
Client ID: **ZZZZZ**	Batch ID: **1480**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **11/20/2006**	SeqNo: **121718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.293	1.30									J
Barium	< 0.299	0.299									
Cadmium	< 0.0998	0.0998									
Chromium	< 0.848	0.848									
Lead	< 0.848	0.848									
Selenium	0.3944	1.60									J
Silver	< 0.349	0.349									

Sample ID: **LCS_1480**	SampType: **LCS**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **11/17/2006**	Run ID: **ICP_1_061120A**
Client ID: **ZZZZZ**	Batch ID: **1480**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **11/20/2006**	SeqNo: **121719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	47.99	1.27	49	0.293	97.3	75	125	0	0		
Barium	46.99	0.294	49	0	95.9	75	125	0	0		
Cadmium	49.52	0.0980	49	0	101	75	125	0	0		
Chromium	47.55	0.833	49	0	97	75	125	0	0		
Lead	49.4	0.833	49	0	101	75	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank
J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Enterprise Products
Work Order: 0611026
Project: Lindrith Plant

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: LCS_1480	SampType: LCS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 11/17/2006	Run ID: ICP_1_061120A
Client ID: ZZZZZ	Batch ID: 1480	TestNo: SW6010B	(SW3050B)	Analysis Date: 11/20/2006	SeqNo: 121719

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Selenium	48.63	1.57	49	0.3944	98.4	75	125	0	0		
Silver	48	0.343	49	0	98	75	125	0	0		

Sample ID: LCSD_1480	SampType: LCSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 11/17/2006	Run ID: ICP_1_061120A
Client ID: ZZZZZ	Batch ID: 1480	TestNo: SW6010B	(SW3050B)	Analysis Date: 11/20/2006	SeqNo: 121720

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	48.07	1.25	48.27	0.293	99	75	125	47.99	0.184	20	
Barium	47.09	0.290	48.27	0	97.6	75	125	46.99	0.215	20	
Cadmium	50.94	0.0965	48.27	0	106	75	125	49.52	2.84	20	
Chromium	48.22	0.821	48.27	0	99.9	75	125	47.55	1.39	20	
Lead	50.46	0.821	48.27	0	105	75	125	49.4	2.13	20	
Selenium	50.33	1.54	48.27	0.3944	103	75	125	48.63	3.44	20	
Silver	47.93	0.338	48.27	0	99.3	75	125	48	0.164	20	

Sample ID: 0611026-001AMS	SampType: MS	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 11/17/2006	Run ID: ICP_1_061120A
Client ID: Lindreth Plant (TEG	Batch ID: 1480	TestNo: SW6010B	(SW3050B)	Analysis Date: 11/20/2006	SeqNo: 121723

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	38	1.26	48.3	0	78.7	75	125	0	0		
Cadmium	47.27	0.0966	48.3	0	97.9	75	125	0	0		
Chromium	54.15	0.821	48.3	9.356	92.7	75	125	0	0		
Lead	61.38	0.821	48.3	11.32	104	75	125	0	0		
Selenium	47.84	1.55	48.3	2.014	94.9	75	125	0	0		
Silver	48.64	0.338	48.3	0	101	75	125	0	0		

Sample ID: 0611026-001AMSD	SampType: MSD	TestCode: 6010B_S	Units: mg/Kg	Prep Date: 11/17/2006	Run ID: ICP_1_061120A
Client ID: Lindreth Plant (TEG	Batch ID: 1480	TestNo: SW6010B	(SW3050B)	Analysis Date: 11/20/2006	SeqNo: 121724

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	32.72	1.22	47.02	0	69.6	75	125	38	14.9	20	S

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

CLIENT: Enterprise Products
Work Order: 0611026
Project: Lindrith Plant

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010B_S

Sample ID: **0611026-001AMSD**	SampType: **MSD**	TestCode: **6010B_S**	Units: **mg/Kg**	Prep Date: **11/17/2006**	Run ID: **ICP_1_061120A**
Client ID: **Lindreth Plant (TEG**	Batch ID: **1480**	TestNo: **SW6010B**	**(SW3050B)**	Analysis Date: **11/20/2006**	SeqNo: **121724**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	46.07	0.0940	47.02	0	98	75	125	47.27	2.57	20	
Chromium	54.15	0.799	47.02	9.356	95.3	75	125	54.15	0.00238	20	
Lead	60.64	0.799	47.02	11.32	105	75	125	61.38	1.21	20	
Selenium	48.68	1.50	47.02	2.014	99.3	75	125	47.84	1.75	20	
Silver	47.06	0.329	47.02	0	100	75	125	48.64	3.32	20	

6/9

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Enterprise Products
Work Order: 0611026
Project: Lindrith Plant

ANALYTICAL QC SUMMARY REPORT

TestCode: HG_CTS

Sample ID: MB_1485	SampType: MBLK	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 11/20/2006	Run ID: AA_061120A
Client ID: ZZZZZ	Batch ID: 1485	TestNo: SW7471	(SW7471)	Analysis Date: 11/20/2006	SeqNo: 121774

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	< 0.200	0.200	0	0	0	0	0	0	0		

Sample ID: LCS_1485	SampType: LCS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 11/20/2006	Run ID: AA_061120A
Client ID: ZZZZZ	Batch ID: 1485	TestNo: SW7471	(SW7471)	Analysis Date: 11/20/2006	SeqNo: 121775

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.04	0.200	0.9984	0	104	70	130	0	0		

Sample ID: LCSD_1485	SampType: LCSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 11/20/2006	Run ID: AA_061120A
Client ID: ZZZZZ	Batch ID: 1485	TestNo: SW7471	(SW7471)	Analysis Date: 11/20/2006	SeqNo: 121776

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.026	0.200	0.9982	0	103	70	130	1.04	1.37	20	

Sample ID: 0611027-001CMS	SampType: MS	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 11/20/2006	Run ID: AA_061120A
Client ID: ZZZZZ	Batch ID: 1485	TestNo: SW7471	(SW7471)	Analysis Date: 11/20/2006	SeqNo: 121781

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.019	0.199	0.9954	0	102	70	130	0	0		

Sample ID: 0611027-001CMSD	SampType: MSD	TestCode: HG_CTS	Units: mg/Kg	Prep Date: 11/20/2006	Run ID: AA_061120A
Client ID: ZZZZZ	Batch ID: 1485	TestNo: SW7471	(SW7471)	Analysis Date: 11/20/2006	SeqNo: 121782

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9775	0.199	0.9944	0	98.3	70	130	1.019	4.19	20	

7/9

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

iiná bá

Sample Receipt Checklist

Client Name: **ENT1001** Date and Time Received: **11/15/2006 2:30:00 PM**

Work Order Number: **0611026** Received by: jem

Checklist completed by: J Moore 11/15/06 (Signature / Date) Reviewed by: JK 11/16/06 (Initials / Date)

Matrix: Carrier name: Don Femald

Shipping container/cooler in good condition?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	Not Present ☐
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐ 6°C	
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐ Soils
Water - pH acceptable upon receipt?	Yes ☐	No ☑	

Adjusted? _____ Checked by: _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: Client stated in cooler on ice, then carried into Lab.

Corrective Action: _____

CHAIN OF CUSTODY RECORD

5463

Hiná bá (for life's sake)
612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
Phone: (505) 327-1072 • Fax: (505) 327-1496

Date 11/15/2006 Page 1 of 1

REPORT RESULTS TO:

Report to: Jim Fernald (jfernald@eprod.com)
Company: Enterprise
Address: 614 Reilly Ave
City: Farmington, NM 87401
Phone: 599-2141 Fax: Email: jfernald@

SEND INVOICE TO:

PO No.: Job No.:
Name:
Company:
Address:
City:

Turnaround Time:
10 days (normal) X
24-48 hours (100%)
3-5 days (50%)

Sample Integrity
Intact X
On Ice X 6°C

Subcontract
Yes
No X

Sampling Location:

Sample Identification	Sample Date	Sample Time	Matrix	Pres.	NUMBER OF CONTAINERS:	Analysis Requested: RCRA Metals	Lab ID
Lindrith Plant (TEG spill)	11/15	10:55	Soil	ice	1	X	0611026-001

Relinquished by:	Date/Time: 11/15/06 2:30 PM	Received by: J Moore	Date/Time: 11/15/06 14:30
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Comments:

6/6

DISTRIBUTION WHITE - Lab • YELLOW - Client • PINK - Courier

san juan reproduction-l

April Pohl

From: Fernald, Donald [dfernald@eprod.com]
Sent: Wednesday, November 29, 2006 2:16 PM
To: April Pohl
Subject: RE: COW & Lab data for Lindrith soil

Thanks for the call April.

Sec 18, T24N, R5W

Regards,

Don Fernald
Environmental Scientist
Enterprise Products Operating LP
614 Reilly
Farmington, NM 87401
Office: 505-599-2141
Cell: 505-486-6668
dfernald@eprod.com

From: Fernald, Donald
Sent: Wednesday, November 29, 2006 12:23 PM
To: 'apohl@envirotech-inc.com'
Subject: COW & Lab data for Lindrith soil

April,

Attached is the COW and lab data for approximately 5 cy of soil from Lindrith we need approval for getting into Envirotech Land Farm. Lab data is from RCRA metals analysis. Let me know if you have questions and when we have approval. SW Services will be transporting this soil to Envirotech once approved.

Thanks,

Don Fernald
Environmental Scientist
Enterprise Products Operating LP
614 Reilly
Farmington, NM 87401
Office: 505-599-2141
Cell: 505-486-6668
dfernald@eprod.com

DOW

Dow U.S.A.

Material Safety Data Sheet

The Dow Chemical Company
Midland, Michigan 48674

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 87792

Product Name: TRIETHYLENE GLYCOL - TECHNICAL

Effective Date: 06/08/90 Date Printed: 01/21/93 MSDS:000271

1. INGREDIENTS: (% w/w, unless otherwise noted)

Triethylene glycol	CAS# 000112-27-6	99%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: 545.9F; 286C
VAP PRESS: < 1.0 mmHg @ 20C
VAP DENSITY: 5.18
SOL. IN WATER: Completely miscible
SP. GRAVITY: 1.1 @ 25/25C
APPEARANCE: Colorless liquid.
ODOR: Mild odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: 350F; 177C
METHOD USED: PMCC

FLAMMABLE LIMITS
LFL: 0.9%
UFL: 9.2%

EXTINGUISHING MEDIA: Water fog, alcohol resistant foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: Not available.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Will ignite in air at 700F.

(Continued on page 2 , over)
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* An Operating Unit of The Dow Chemical Company

Printed on Recycled and Recyclable Paper

4. REACTIVITY DATA: (CONTINUED)

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning produces normal products of combustion, including carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Small spills: Soak up with absorbent material and collect for disposal. Large spills: dike to prevent contamination of waterways, then pump into suitable containers for disposal.

DISPOSAL METHOD: Burn in an approved incinerator in accordance with all local, state, and federal laws and regulations.

6. HEALTH HAZARD DATA:

EYE: Essentially nonirritating to eyes.

SKIN CONTACT: Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is abraded (scratched or cut).

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The dermal LD50 has not been determined.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is 16,800-22,060 mg/kg.

INHALATION: No adverse effects are anticipated from inhalation.

SYSTEMIC & OTHER EFFECTS: Based on available data, repeated exposures are not anticipated to cause any significant adverse effects. Did not cause cancer in long-term animal studies. Birth defects are unlikely. Exposures having no adverse effects on the mother should have no effect on the fetus. In animal studies, has been shown not to interfere with reproduction.

7. FIRST AID:

(Continued on page 3)

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7. FIRST AID: (CONTINUED)

EYES: Irrigate immediately with water for at least five minutes.

SKIN: Wash off in flowing water or shower.

INGESTION: Induce vomiting if large amounts are ingested. Consult medical personnel.

INHALATION: Remove to fresh air if effects occur. Call a physician.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to the patient.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE: AIHA WEEL is 10 mg/m3 for polyethylene glycols.

VENTILATION: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In misty atmospheres, use an approved mist respirator.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or frequently repeated contact could occur, use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron or full-body suit will depend on operation. If hands are cut or scratched, use impervious gloves even for brief exposures.

EYE PROTECTION: Use safety glasses.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Practice reasonable care to avoid exposure.

Trace quantities of ethylene oxide (EO) may be present in this product. While these trace quantities could accumulate in

(Continued on page 4 , over)

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9. ADDITIONAL INFORMATION: (CONTINUED)

headspace areas of storage and transport vessels, they are not expected to create a condition which will result in EO concentrations greater than 0.5 ppm (8 hour TWA) in the breathing zone of the workplace for appropriate applications. OSHA has established a permissible exposure limit of 1.0 ppm 8 hr TWA for EO. (Code of Federal Regulations Part 1910.1047 of Title 29).

MSDS STATUS: Revised section 9 and regsheet.

For information regarding state/provincial and federal regulations see The Regulatory Information Section.

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REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

(R) Indicates a Trademark of The Dow Chemical Company
The Information Herein Is Given In Good Faith, But No Warranty, Express Or Implied, Is Made. Consult The Dow Chemical Company For Further Information.

* An Operating Unit of The Dow Chemical Company

RCVD DEC 1'06
OIL CONS. DIV.
DIST. 3

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BY BRANDON POWELL 11/28/06**	4. Generator: The Hanover Company 5. Originating Site: Petrogulf Cain 31 #2
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: Colorado to New Mexico
7. Location of Material (Street Address or ULSTR) S 31; T 33N; R 9W La Plata County CO	Project #99043-031

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil contaminated with used compressor oil. RCRA metals testing 11/27/06 revealed the following levels: Arsenic 0.148 mg/Kg; Barium 7.04 mg/Kg; Cadmium 0.095 mg/Kg; Chromium 0.411 mg/Kg; Lead 0.367 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS, and analyticals attached.

Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: November 28, 2006
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
HANOVER COMPRESSION 1280 TRAY KING RD FARMINGTON, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): PETRO GULF CAIN 31-2 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): LA PLATA COUNTY, CO SEC 31 T32N R9W
4. Source and Description of Waste USED COMPRESSOR OIL MIXED WITH SOIL Line from crankcase ruptured - appiox 300 gal on ground.	

I, ADRIAN GOODEN representative for :
Print Name

HANOVER COMPRESSION do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

_X_ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
_X_ RCRA Hazardous Waste Analysis
_X_ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Adrian Gooden

Title: AREA MANAGER

Phone Number: 505-325-3220

Date: NOVEMBER 28, 2006

ENVIROTECH LABS

TRACE METAL ANALYSIS

Client:	Hanover ~~Universal~~ Compression	Project #:	98059-045
Sample ID:	1	Date Reported:	11-27-06
Laboratory Number:	39290	Date Sampled:	11-22-06
Chain of Custody:	1772	Date Received:	11-22-06
Sample Matrix:	Soil	Date Analyzed:	11-27-06
Preservative:	N/A	Date Digested:	11-27-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.148**	**0.001**	**5.0**
Barium	**7.04**	**0.001**	**100**
Cadmium	**0.095**	**0.001**	**1.0**
Chromium	**0.411**	**0.001**	**5.0**
Lead	**0.367**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Cain 31-2**

Analyst

Review

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

ENVIROTECH LABS

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	11-27 TM QA/AC	Date Reported:	11-27-06
Laboratory Number:	39290	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	11-27-06
Condition:	N/A	Date Digested:	11-27-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.148	0.151	2.0%	0% - 30%
Barium	ND	ND	0.001	7.04	7.08	0.6%	0% - 30%
Cadmium	ND	ND	0.001	0.095	0.092	3.2%	0% - 30%
Chromium	ND	ND	0.001	0.411	0.415	1.0%	0% - 30%
Lead	ND	ND	0.001	0.367	0.371	1.1%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.148	0.646	99.7%	80% - 120%
Barium	0.500	7.04	7.52	99.7%	80% - 120%
Cadmium	0.500	0.095	0.593	99.7%	80% - 120%
Chromium	0.500	0.411	0.910	99.9%	80% - 120%
Lead	0.500	0.367	0.864	99.7%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 39290**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1772

Client / Project Name	Project Location
UNIVERSAL COMPRESSION	CAIN 31-2
Sampler:	Client No.
J. THOMPSON	98059-045

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA METALS						Remarks
1	22-NOV	0900	39290	SOIL	1	X						

ANALYSIS / PARAMETERS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Thompson	22-NOV	0955	Blue Vandl	11/22/06	0955
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

...son reproduction 07/8-139

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ **VERBAL APPROVAL BRANDON POWELL 11-28-06**	4. Generator: Air Comp 5. Originating Site: 1215 Mission Ave, Farmington NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 1215 Mission Ave, Farmington NM	Project # 04080-012

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with diesel released from valve that was left open.

CWS and MSDS for diesel #2 attached

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

SIGNATURE [signature] TITLE: Environmental Geologist DATE: 11/28/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

11-28-06;02:39PM;

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Air Comp 1215 Mission Ave Farmington, NM 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Air Comp 1215 Mission Ave. Farmington, NM 87401 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Diesel Spill out of Fuel tank	

I, Rick Coffman representative for: Air Comp
Print Name

_____ do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

✓ **EXEMPT** oilfield waste

___ **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

✓ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Rick Coffman

Title: Regional Manager

Phone Number: 505-325-8174

Date: 11/28/06

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

DIESEL FUEL No. 2

Product Use: Fuel
Product Number(s): CPS220122, CPS225114, CPS225115, CPS225150, CPS266176, CPS270005, CPS270094, CPS270095, CPS270096, CPS271006, CPS272093, CPS272102, CPS272126, CPS272152, CPS272185, CPS272190, CPS272195, CPS272593, CPS272601, CPS272693, CPS272793, CPS273003, CPS273030, CPS273053, CPS275000

Synonyms: Chevron ULS Diesel 2, Chev.ULS DF2, CHEVRON LS Diesel 2, Diesel Fuel Oil, Gas Oil, CALCO LS Diesel 2, HS Diesel 2, HS Heating Fuel 2, LS Diesel 2, LS Heating Fuel 2, Calco ULS Diesel 2, Calco ULS DF2, Ultra Low Sulfur Diesel 2, 15 S Diesel Fuel 2, Marine Diesel, RR Diesel Fuel

Company Identification
Chevron Products Company
Marketing, MSDS Coordinator
6001 Bollinger Canyon Road
San Ramon, CA 94583
United States of America

Transportation Emergency Response
CHEMTREC: (800) 424-9300 or (703) 527-3887
Health Emergency
ChevronTexaco Emergency Information Center: Located in the USA. International collect calls accepted. (800) 231-0623 or (510) 231-0623
Product Information
MSDS Requests: (800) 689-3998
Technical Information: (510) 242-5357

SPECIAL NOTES: This MSDS covers all Chevron and Calco non-CARB Diesel No. 2 Fuels. The sulfur content is less than 0.5% (mass). Red dye is added to non-taxable fuel. (MSDS 6894)

SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Diesel Fuel No. 2	68476-34-6	100 %weight

Distillates, hydrodesulfurized, middle	64742-80-9	0 - 100 %weight
Distillates, straight run middle (gas oil, light).	64741-44-2	0 - 100 %weight
Kerosine	8008-20-6	0 - 25 %weight
Kerosine, hydrodesulfurized	64742-81-0	0 - 25 %weight
Distillates (petroleum), light catalytic cracked	64741-59-9	0 - 50 %weight
Naphthalene	91-20-3	0.02 - 0.2 %weight
Total sulfur	None	0 - 0.5 %weight

SECTION 3 HAZARDS IDENTIFICATION

****

EMERGENCY OVERVIEW

- COMBUSTIBLE LIQUID AND VAPOR
- HARMFUL OR FATAL IF SWALLOWED - MAY CAUSE LUNG DAMAGE IF SWALLOWED
- CAUSES SKIN IRRITATION
- POSSIBLE CANCER HAZARD - MAY CAUSE CANCER BASED ON ANIMAL DATA
- TOXIC TO AQUATIC ORGANISMS

****

IMMEDIATE HEALTH EFFECTS

Eye: Not expected to cause prolonged or significant eye irritation.
Skin: Contact with the skin causes irritation. Skin contact may cause drying or defatting of the skin. Symptoms may include pain, itching, discoloration, swelling, and blistering. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin.
Ingestion: Because of its low viscosity, this material can directly enter the lungs, if swallowed, or if subsequently vomited. Once in the lungs it is very difficult to remove and can cause severe injury or death. May be irritating to mouth, throat, and stomach. Symptoms may include pain, nausea, vomiting, and diarrhea.
Inhalation: Mists of this material may cause respiratory irritation. Symptoms of respiratory irritation may include coughing and difficulty breathing. Breathing this material at concentrations above the recommended exposure limits may cause central nervous system effects. Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion, or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors or convulsions, loss of consciousness, coma or death.

DELAYED OR OTHER HEALTH EFFECTS:

Cancer: Prolonged or repeated exposure to this material may cause cancer. Whole diesel engine exhaust has been classified as a Group 2A carcinogen (probably carcinogenic to humans) by the International Agency for

Research on Cancer (IARC). Diesel exhaust particulate has been classified as reasonably anticipated to be a human carcinogen in the National Toxicology Program's Ninth Report on Carcinogens. The National Institute of Occupational Safety and Health (NIOSH) has recommended that whole diesel exhaust be regarded as potentially causing cancer. Diesel engine exhaust is known to the State of California to cause cancer. Contains naphthalene, which has been classified as a Group 2B carcinogen (possibly carcinogenic to humans) by the International Agency for Research on Cancer (IARC).

See Section 11 for additional information. Risk depends on duration and level of exposure.

SECTION 4 FIRST AID MEASURES

Eye: No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.
Skin: Wash skin with water immediately and remove contaminated clothing and shoes. Get medical attention if any symptoms develop. To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.
Ingestion: If swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.
Note to Physicians: Ingestion of this product or subsequent vomiting may result in aspiration of light hydrocarbon liquid, which may cause pneumonitis.

SECTION 5 FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:
OSHA Classification (29 CFR 1910.1200): Combustible liquid.

NFPA RATINGS: Health: 0 Flammability: 2 Reactivity: 0

FLAMMABLE PROPERTIES:
Flashpoint: (Pensky-Martens Closed Cup) 52 °C (125 °F) (Min)
Autoignition: 257 °C (494 °F)
Flammability (Explosive) Limits (% by volume in air): Lower: 0.6 Upper: 4.7

EXTINGUISHING MEDIA: Dry Chemical, CO2, AFFF Foam or alcohol resistant foam.

PROTECTION OF FIRE FIGHTERS:
Fire Fighting Instructions: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Protective Measures: Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator.
Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.
Reporting: Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.

SECTION 7 HANDLING AND STORAGE

Precautionary Measures: Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive force. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85F. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Do not breathe vapor or fumes. Do not breathe mist. Wash thoroughly after handling. Keep out of the reach of children.
Unusual Handling Hazards: WARNING! Do not use as portable heater or appliance fuel. Toxic fumes may accumulate and cause death.
General Handling Information: Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.
Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, 'Recommended Practice on Static Electricity', and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.
General Storage Information: DO NOT USE OR STORE near heat, sparks, flames, or hot surfaces . USE AND STORE ONLY IN WELL VENTILATED AREA. Keep container closed when not in use.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:
Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT
Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.
Skin Protection: Wear protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted. Suggested materials for protective gloves include: Chlorinated Polyethylene (or Chlorosulfonated Polyethylene), Nitrile Rubber, Polyurethane, Viton.
Respiratory Protection: Determine if airborne concentrations are below the recommended occupational exposure limits for jurisdiction of use. If airborne concentrations are above the acceptable limits, wear an approved respirator that provides adequate protection from this material, such as: Air-Purifying Respirator for Organic Vapors.
When used as a fuel, this material can produce carbon monoxide in the exhaust. Determine if airborne concentrations are below the occupational exposure limit for carbon monoxide. If not, wear an approved positive-pressure air-supplying respirator.
Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

Occupational Exposure Limits:

Component	Agency	TWA	STEL	Ceiling	Notation
Diesel Fuel No. 2	ACGIH	100 mg/m3	--	--	Skin A3
Diesel Fuel No. 2	CVX	350 mg/m3	1000 mg/m3	--	--
Kerosine	ACGIH	200 mg/m3	--	--	Skin A3
Kerosine	CVX	350 mg/m3	1000 mg/m3	--	--
Kerosine, hydrodesulfurized	ACGIH	200 mg/m3	--	--	Skin
Naphthalene	ACGIH	10 ppm (weight)	15 ppm (weight)	--	Skin
Naphthalene	OSHA Z-1	50 mg/m3	--	--	--

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Varies depending on specification
Physical State: Liquid
Odor: Petroleum odor
pH: Not Applicable
Vapor Pressure: 0.04 kPa (Approximate) @ 40 °C (104 °F)
Vapor Density (Air = 1): >1
Boiling Point: 175.6°C (348°F) - 370°C (698°F)
Solubility: Soluble in hydrocarbons; insoluble in water
Freezing Point: Not Applicable

Melting Point: Not Applicable
Specific Gravity: 0.8 - 0.88 @ 15.6°C (60.1°F) (Typical
Viscosity: 1.9 cSt - 4.1 cSt @ 40°C (104°F)

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Incompatibility With Other Materials: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
Hazardous Decomposition Products: None known (None expected)
Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS
Eye Irritation: The eye irritation hazard is based on evaluation of data for similar materials or product components.
Skin Irritation: The skin irritation hazard is based on evaluation of data for similar materials or product components.
Skin Sensitization: This material did not cause skin sensitization reactions in a Buehler guinea pig test.
Acute Dermal Toxicity: LD50: >5ml/kg (rabbit).
Acute Oral Toxicity: LD50: > 5 ml/kg (rat)
Acute Inhalation Toxicity: 4 hour(s) LC50: > 5mg/l (rat).

ADDITIONAL TOXICOLOGY INFORMATION:
The National Institute of Occupational Safety and Health (NIOSH) has recommended that whole diesel exhaust be regarded as potentially causing cancer. This recommendation was based on test results showing increased

lung cancer in laboratory animals exposed to whole diesel exhaust.

This product contains gas oils.
CONCAWE (product dossier 95/107) has summarized current health, safety and environmental data available for a number of gas oils, typically hydrodesulfurized middle distillates, CAS 64742-80-9, straight-run middle distillates, CAS 64741-44-2, and/or light cat-cracked distillate CAS 64741-59-9. CARCINOGENICITY: All materials tested have caused the development of skin tumors in mice, but all featured severe skin irritation and sometimes a long latency period before tumors developed. Straight-run and cracked gas oil samples were studied to determine the influence of dermal irritation on the carcinogenic activity of middle distillates. At non-irritant doses the straight-run gas oil was not carcinogenic, but at irritant doses, weak activity was demonstrated. Cracked gas oils, when diluted with mineral oil, demonstrated carcinogenic activity irrespective of the occurrence of skin irritation. Gas oils were tested on male mice to study tumor initiating/promoting activity. The results demonstrated that while a straight-run gas oil sample was neither an initiator or promotor, a blend of straight-run and FCC stock was both a tumor initiator and a promoter.
GENOTOXICITY: Hydrotreated & hydrodesulfurized gas oils range in activity from inactive to weakly positive in in-vitro bacterial mutagenicity assays. Mouse lymphoma assays on straight-run gas oils without subsequent hydrodesulphurization gave positive results in the presence of S9 metabolic activation. In-vivo bone marrow cytogenetics and sister chromatic exchange assay exhibited no activity for straight-run components with or without hydrodesulphurization. Thermally or catalytically cracked gas oils tested with in-vitro bacterial mutagenicity assays in the presence of S9 metabolic activation were shown to be mutagenic. In-vitro sister chromatic exchange assays on cracked gas oil gave equivocal results both with and without S9 metabolic activation. In-vivo bone marrow cytogenetics assay was inactive for two cracked gas oil samples. Three hydrocracked gas oils were tested with in-vitro bacterial mutagenicity assays with S9, and one of the three gave positive results. Twelve distillate fuel samples were tested with in-vitro bacterial mutagenicity assays & with S9 metabolic activation and showed negative to weakly positive results. In one series, activity was shown to be related to the PCA content of samples tested. Two in-vivo studies were also conducted. A mouse dominant lethal assay was negative for a sample of diesel fuel. In the other study, 9 samples of No 2 heating oil containing 50% cracked stocks caused a slight increase in the number of chromosomal aberrations in bone marrow cytogenetics assays. DEVELOPMENTAL TOXICITY: Diesel fuel vapor did not cause fetotoxic or teratogenic effects when pregnant rats were exposed on days 6-15 of pregnancy. Gas oils were applied to the skin of pregnant rats daily on days 0-19 of gestation. All but one (coker light gas oil) caused fetotoxicity (increased resorptions, reduced litter weight, reduced litter size) at dose levels that were also maternally toxic.

This product may contain significant amounts of Polynuclear Aromatic Hydrocarbons (PAH's) which have been shown to cause skin cancer after prolonged and frequent contact with the skin of test animals. Brief or intermittent skin contact with this product is not expected to have serious effects if it is washed from the skin. While skin cancer is unlikely to occur in human beings following use of this product, skin contact and breathing, of mists, vapors or dusts should be reduced to a minimum.

This product contains naphthalene. GENERAL TOXICITY: Exposure to naphthalene has been reported to cause methemoglobinemia and/or hemolytic anemia, especially in humans deficient in the enzyme glucose-6-phosphate dehydrogenase. Laboratory animals given repeated oral doses of naphthalene have developed cataracts. REPRODUCTIVE TOXICITY AND BIRTH DEFECTS: Naphthalene did not cause birth defects when administered orally to rabbits, rats, and mice during pregnancy, but slightly reduced litter size in mice at dose levels that were lethal to the pregnant females. Naphthalene has been reported to cross the human placenta.

GENETIC TOXICITY: Naphthalene caused chromosome aberrations and sister chromatid exchanges in Chinese hamster ovary cells, but was not a mutagen in several other in-vitro tests.CARCINOGENICITY: In a study conducted by the National Toxicology Program (NTP), mice exposed to 10 or 30 ppm of naphthalene by inhalation daily for two years had chronic inflammation of the nose and lungs and increased incidences of metaplasia in those tissues. The incidence of benign lung tumors (alveolar/bronchiolar adenomas) was significantly increased in the high-dose female group but not in the male groups. In another two-year inhalation study conducted by NTP, exposure of rats to 10, 30, and 60 ppm naphthalene caused increases in the incidences of a variety of nonneoplastic lesions in the nose. Increases in nasal tumors were seen in both sexes, including olfactory neuroblastomas in females at 60 ppm and adenomas of the respiratory epithelium in males at all exposure levels. The relevance of these effects to humans has not been established. No carcinogenic effect was reported in a 2-year feeding study in rats receiving naphthalene at 41 mg/kg/day.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY

The 96 hour(s) LC50 for rainbow trout (Salmo gairdneri) is 21-210 mg/l.
The 48 hour(s) EC50 for water flea (Daphnia magna) is 20-210 mg/l.
The 72 hour(s) EC50 for algae (Raphidocellus subcapitata) is 2.6-25 mg/l.

This material is expected to be toxic to aquatic organisms.

ENVIRONMENTAL FATE

On release to the environment the lighter components of diesel fuel will generally evaporate but depending on local environmental conditions (temperature, wind, mixing or wave action, soil type, etc.) the remainder may become dispersed in the water column or absorbed to soil or sediment. Diesel fuel would not be expected to be readily biodegradable. In a modified Strum test (OECD method 301B) approximately 40% biodegradation was recorded over 28 days. However, it has been shown that most hydrocarbon components of diesel fuel are degraded in soil in the presence of oxygen. Under anaerobic conditions, such as in anoxic sediments, rates of biodegradation are negligible.

SECTION 13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

SECTION 14 TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Name: GAS OIL
DOT Hazard Class: COMBUSTIBLE LIQUID
DOT Identification Number: UN1202
DOT Packing Group: III

SECTION 15 REGULATORY INFORMATION

EPCRA 311/312 CATEGORIES: 1. Immediate (Acute) Health Effects: YES
2. Delayed (Chronic) Health Effects: YES
3. Fire Hazard: YES
4. Sudden Release of Pressure Hazard: NO
5. Reactivity Hazard: NO

REGULATORY LISTS SEARCHED:

01-1=IARC Group 1	03=EPCRA 313
01-2A=IARC Group 2A	04=CA Proposition 65
01-2B=IARC Group 2B	05=MA RTK
02=NTP Carcinogen	06=NJ RTK
	08=PA RTK

The following components of this material are found on the regulatory lists indicated.

Diesel Fuel No. 2	08
Distillates, straight run middle (gas oil, light)	06
Kerosine	05, 06, 08
Naphthalene	01-2B, 03, 04, 05, 06, 08

CERCLA REPORTABLE QUANTITIES(RQ)/EPCRA 302 THRESHOLD PLANNING QUANTITIES(TPQ):

Component	Component RQ	Component TPQ	Product RQ
Naphthalene	100 lbs	None	55556 lbs

CHEMICAL INVENTORIES:
AUSTRALIA: All the components of this material are listed on the Australian Inventory of Chemical Substances (AICS).
CANADA: All the components of this material are on the Canadian Domestic Substances List (DSL).
EUROPEAN UNION: All the components of this material are in compliance with the EU Seventh Amendment Directive 92/32/EEC.
KOREA: All the components of this product are on the Existing Chemicals List (ECL) in Korea.
PHILIPPINES: All the components of this product are listed on the Philippine Inventory of Chemicals and Chemical Substances (PICCS).
UNITED STATES: All of the components of this material are on the Toxic Substances Control Act (TSCA) Chemical Inventory.

NEW JERSEY RTK CLASSIFICATION:
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: Refer to components listed in Section 2. DIESEL FUEL

WHMIS CLASSIFICATION:
Class B, Division 3: Combustible Liquids
Class D, Division 2, Subdivision A: Very Toxic Material - Carcinogenicity
Class D, Division 2, Subdivision B: Toxic Material - Skin or Eye Irritation

SECTION 16 OTHER INFORMATION

NFPA RATINGS: Health: 0 Flammability: 2 Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, *- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

REVISION STATEMENT: This revision updates the following sections of this Material Safety Data Sheet: 1 - 16.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	PEL - Permissible Exposure Limit

	CAS - Chemical Abstract Service Number
ACGIH - American Conference of Government Industrial Hygienists	IMO/IMDG - International Maritime Dangerous Goods Code
API - American Petroleum Institute	MSDS - Material Safety Data Sheet
CVX - ChevronTexaco	NFPA - National Fire Protection Association (USA)
DOT - Department of Transportation (USA)	NTP - National Toxicology Program (USA)
IARC - International Agency for Research on Cancer	OSHA - Occupational Safety and Health Administration

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the ChevronTexaco Energy Research & Technology Company, 100 Chevron Way, Richmond, California 94802.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Bear Acquisitions 5. Originating Site: 1600 W Broadway Bloomfield NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) : 1600 W Broadway Bloomfield NM	Project # 06103-003

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept material with historical contamination of oilfield yard associated with diesel tank. RCRA 8 metals testing done 12/01/06 revealed the following levels: Arsenic 0.177 mg/Kg; Barium 8.47 mg/Kg; Cadmium 0.057 mg/Kg; Chromium 0.162 mg/Kg; Lead 0.408 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect. Total chlorides done 12/06/06 revealed the chloride level to be 34.0 mg/Kg.

CWS, MSDS for diesel and analyticals attached

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

SIGNATURE Denny Foust
Waste Management Facility Authorized Agent

TITLE: Environmental Geologist DATE: 12/08/06

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: BL TITLE: _____ DATE: 12-8

APPROVED BY: _____ TITLE: _____ DATE: _____

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
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District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Bear Acquisitions 5. Originating Site: 1600 W Broadway Bloomfield NM
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) : 1600 W Broadway Bloomfield NM	Project # 06103-003

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept material with historical contamination of oilfield yard associated with diesel tank. RCRA 8 metals testing done 12/01/06 revealed the following levels: Arsenic 0.177 mg/Kg; Barium 8.47 mg/Kg; Cadmium 0.057 mg/Kg; Chromium 0.162 mg/Kg; Lead 0.408 mg/Kg; Mercury nondetect; Selenium nondetect; Silver nondetect.

CWS, MSDS for diesel and analyticals attached

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

SIGNATURE _____ TITLE: Environmental Geologist DATE: 12/04/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Bear Acquisitions LLC P.O. Box 2058 Farmington, NM 87499	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Oilfield Storage Yard attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 1600 Blk W. Broadway Blvd. Bloomfield, NM 87413
4. Source and Description of Waste: Historical Contamination of oilfield yard associated with a diesel tank.	

I, William J. Holcomb (Print Name) representative for :

Bear Acquisitions, LLC. do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

___ MSDS Information
X RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): W.J. Holcomb

Title: President

Phone Number: (505) 326-0550 (cell) 330-2473 (fax) 505.326.2149

Date: 11/30/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Bear Acquisitions	Project #:	06103-003
Sample ID:	#1	Date Reported:	12-01-06
Laboratory Number:	39331	Date Sampled:	11-29-06
Chain of Custody:	1805	Date Received:	11-29-06
Sample Matrix:	Soil	Date Analyzed:	12-01-06
Preservative:	N/A	Date Digested:	12-01-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.177**	**0.001**	**5.0**
Barium	**8.47**	**0.001**	**100**
Cadmium	**0.057**	**0.001**	**1.0**
Chromium	**0.162**	**0.001**	**5.0**
Lead	**0.408**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**ND**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **1600 W. Broadway, Bloomfield**

Analyst

Review

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

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control / Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-01 TM QA/AC	Date Reported:	12-01-06
Laboratory Number:	39331	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-01-06
Condition:	N/A	Date Digested:	12-01-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.177	0.180	1.7%	0% - 30%
Barium	ND	ND	0.001	8.47	8.49	0.2%	0% - 30%
Cadmium	ND	ND	0.001	0.057	0.059	3.5%	0% - 30%
Chromium	ND	ND	0.001	0.162	0.165	1.9%	0% - 30%
Lead	ND	ND	0.001	0.408	0.412	1.0%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.177	0.678	100.1%	80% - 120%
Barium	0.500	8.47	8.95	99.8%	80% - 120%
Cadmium	0.500	0.057	0.556	99.8%	80% - 120%
Chromium	0.500	0.162	0.660	99.7%	80% - 120%
Lead	0.500	0.408	0.905	99.7%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	ND	0.498	99.6%	80% - 120%
Silver	0.500	ND	0.499	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 39331**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1805

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
Bear Acquisitions	1600 W. Broadway Bloomfield	
Sampler: TICT	Client No. 06103-003	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	RCRA Metals						Remarks
#1	11/29/06	13:50	39331	Soil	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Scott Thompson	11/29/06	14:45	Blair Wall	11/29/06	1445
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

san juan reproduction 570-1[illegible]

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Revised March 17, 1999

Submit Original
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REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Approval Brandon Powell 12/7/06	4. Generator: People's Energy
	5. Originating Site: Gardner C 5A
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) S 26; T 32N; R 9W	Project # 06216-001

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept soil stained with diesel. Spill occurred when delivery truck driver tried to fill pressurized tank. Vent valve was closed. Manhole seal failed spilling new diesel #2 on ground.

CWS and MSDS for diesel #2 attached.

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

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 12/07/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
People's Energy 700 S Tucker Farmington NM	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Gardner C5A	Location of the Waste (Street address &/or ULSTR): SEC. 26 T-32N R-9W
attach list of originating sites as appropriate	
4. Source and Description of Waste Tried to fill pressurized fuel tank - vent valve was closed. Seal on manhole failed spilling new fuel (diesil #2) on ground	

I, _____ representative for :
Print Name

People's Energy do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
___ Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Terry McLemore

Title: CONSULTANT

Phone Number: 334-2279 — 320-2446

Date: 12-7-06

NAVAJO REFINING COMPANY
P. O. BOX 159
ARTESIA, NM 88211-0159
(505) 748-3311, (505) 365-8364, (505) 365-8365 (24 Hours)

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NUMBERS:

CHEMTREC: 1-800-424-9300 (for fire, spill and emergency response information)
NEW MEXICO POISON INFORMATION CENTER: 1-800-432-6866 (for poisoning)
TEXAS (EL PASO) POISON INFORMATION CENTER: (915) 533-1244 (for poisoning)
ARIZONA POISON INFORMATION CENTER: 1-800-362-0101 or (602) 253-3334 (for poisoning)

LOW SULFUR DIESEL FUEL

PRODUCT NAME: DIESEL FUEL CAS NUMBER: 68476-34-6
CHEMICAL FAMILY: Petroleum Hydrocarbon FORMULA: $C_{10}H_{22}$-$C_{16}H_{34}$

SYNONYMS: Diesel Fuel #2, Petroleum Distillate, Diesel, #2 Fuel Oil NA 1993, Highway Diesel, Off Road Diesel (if dyed red).

NFPA 704 SYMBOL

HAZARDOUS COMPONENTS	CAS NO.	APPROX. VOL%	TLV	STEL	PEL (OSHA)	IDLH
DIESEL FUEL (containing)	68476-34-6	99	NA	NA	NA	NA
Naphalene	91-20-3	1	10 ppm	NA	10 ppm	250

OTHER INGREDIENT INFORMATION:
Sulfur in the form of mercaptans or hydrogen sulfide may be present greater than 0.05% by weight.

BOILING POINT: -315-575°F
VAPOR PRESSURE: @100°F 25mm Hg
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: Insoluble
ODOR THRESHOLD: N/A
SPECIFIC GRAVITY (WATER=1): 0.7-0.8
% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: No data available
AUTOIGNITION TEMP: 490-546°F
APPEARANCE AND ODOR: Clear to yellow liquid. Oily, petroleum odor. May be dyed red in off road usage (agricultural, mining, etc.).

NAVAJO REFINING COMPANY
P. O. BOX 159
ARTESIA, NM 88211-0159
(505) 748-3311, (505) 365-8364, (505) 365-8365 (24 Hours)

MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NUMBERS:

CHEMTREC: 1-800-424-9300 (for fire, spill and emergency response information)
NEW MEXICO POISON INFORMATION CENTER: 1-800-432-6866 (for poisoning)
TEXAS (EL PASO) POISON INFORMATION CENTER: (915) 533-1244 (for poisoning)
ARIZONA POISON INFORMATION CENTER: 1-800-362-0101 or (602) 253-3334 (for poisoning)

#1 DIESEL

PRODUCT NAME: #1 DIESEL
CHEMICAL FAMILY: Petroleum Hydrocarbon

CAS NUMBER: Mixture
FORMULA: C_9H_{20} to $C_{16}H_{34}$

NFPA 704 SYMBOL

SYNONYMS: Jet Fuel, JP-8, Aviation Turbine Fuel
NATO F-34, Straight run Kerosene, UN 1863

HAZARDOUS COMPONENTS	CAS NO.	APPROX. VOL%	TLV	STEL	PEL	IDLH
Kerosene	8008-20-6	>90	NA	NA	NA	NA
Napthalene	91-20-3	<3	10ppm	15ppm	10ppm	250ppm

BOILING POINT: 350-500°F
VAPOR PRESSURE: @68°F 2 mm Hg
VAPOR DENSITY (AIR=1): 4.5
SOLUBILITY IN WATER: Insoluble
ODOR THRESHOLD: 1.0 ppm
SPECIFIC GRAVITY (WATER=1): 0.8
% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: No data available
AUTOIGNITION TEMP: >400°F
APPEARANCE AND ODOR: Clear to yellow liquid with characteristic hydrocarbon smell.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all sources of ignition. Contain spill. Use water fog to suppress vapor cloud. Use SCBA to avoid breathing vapors. Absorb liquid with sand or clay.

WASTE DISPOSAL: Dispose in accordance with RCRA regulations. Do not put in sewers or any water course.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: All equipment and storage container should be properly grounded. This material is subject to OSHA and DOT regulations. Portable metal container should be bonded to the storage container before transferring liquid.

OTHER PRECAUTIONS: Avoid breathing vapors. Extremely flammable. Do not weld on container unless properly cleaned and purged using safe work procedures.

RESPIRATORY PROTECTION: Use NIOSH\MSHA approved positive pressure SCBA or Hoseline unit with egress bottle as respiratory protection in areas exceeding exposure limits.

VENTILATION: Use in well ventilated area. Mechanical exhaust should be explosion proof.

EYE/SKIN PROTECTION: Rubber gloves, face shields, goggles or safety glasses with side shields, coveralls.

WORK/HYGIENIC PRACTICES: Remove contaminated clothing as soon as possible. Always wash after handling hazardous chemicals.

NOTICE: This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

REFER TO DEPARTMENT OF TRANSPORTATION (DOT) EMERGENCY RESPONSE GUIDEBOOK GUIDE 128 FOR ADDITIONAL EMERGENCY INFORMATION.

This information is believed to be accurate and as reliable as information available to us. We make no warranty or guarantee as to its accuracy and assume no liability from its use. Users should determine the suitability of the information for their particular purposes.

CLASSIFICATION: Class II, Combustible Liquid
FLASH POINT: >100°F (TOC)
FLAMMABLE LIMITS: LEL = 0.7% UEL = 5.0%
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, Halon
SPECIAL FIRE FIGHTING PROCEDURES: Move container from fire area if possible. Use water to keep fire exposed containers cool. Use foam for spill control.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Evacuate a radius of 1500 feet for uncontrolled fires. Vapors are heavier than air and may travel great distances and flash back.

NFPA FIRE = 2 (moderate)

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID/INCOMPATABILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

NFPA REACTIVITY = 0 (minimal)

ROUTES OF ENTRY: Inhalation, ingestion, skin contact.

HEALTH HAZARDS: Chronic toxicity, possible cancer, irritation to eyes, skin and mucous membranes, pulmonary edema, bronchial pneumonia, asphyxiation, liver and kidney damage, anemia or myocardial damage.

CARCINOGENICITY: Product is not listed by NTP or IARC.

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of eyes, skin and mucous membranes, dizziness, headaches, respiratory arrest, coughing, irregular heartbeat, mental confusion, vomiting, blurred vision, flushing of face, slurred speech, difficulty in swallowing, weakness, pain in limbs, coma and convulsions. Also, insomnia, toxicity, psychosis, tremors, exaggerated tendon reflexes.

EMERGENCY AND FIRST AID PROCEDURES:

INJESTION: DO NOT induce vomiting. Immediately seek medical attention. Give water to dilute, if conscious.

INHALATION: Move to fresh air. Maintain respirations, assist with artificial respiration if needed and give oxygen if available and trained to do so. Seek medical attention. If irritation persists seek medical attention.

EYES: Flush eyes with water for at least 15 minutes. Seek medical attention.

SKIN: Remove kerosene soaked clothing. Wash skin with soap and water. If irritation persists seek medical attention.

NFPA HEALTH = 0 (minimal)

CLASSIFICATION: CLASS II, COMBUSTIBLE LIQUID
FLASH POINT: 140° (PMCC)
FLAMMABLE LIMITS: LEL = 0.7% UEL = 5.0%
EXTINGUISHING MEDIA: Foam dry chemical, carbon dioxide, Halon.
SPECIAL FIRE FIGHTING PROCEDURES: Move container from fire area if possible. Use water to keep fire exposed container cool. Use foam for spill control.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Evacuate a radius of 800 feet for uncontrolled fires. Vapors are heavier than air and may travel great distances and flash back.

NFPA FIRE = 2 (moderate)

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID/INCOMPATABILITY: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and sulfur dioxide..

NFPA REACTIVITY = 0 (minimal)

ROUTES OF ENTRY: Inhalation, ingestion, skin contact.

HEALTH HAZARDS: Irritant\Narcotic. Depression of central nervous system ranging from headaches to death. Kidney and liver damage possible. Aspiration into lungs can cause severe lung damage leading to pulmonary edema and bronchial pneumonia.

CARCINOGENICITY: Inadequate evidence as a human carcinogen. Limited evidence as an animal carcinogen. Not listed by NTP. IARC Class-2B. Recent studies have shown diesel exhaust to be potentially carcinogenic.

SIGNS AND SYMPTOMS OF EXPOSURE: Respiratory tract irritation. May cause nausea, cramping, headaches, coughing or gagging and depression of the central nervous system.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: DO NOT induce vomiting. Immediately seek medical attention. Give water to dilute, if conscious.

INHALATION: Maintain respirations, assist with artificial respiration if needed and give oxygen if available and trained to do so. Seek medical attention. If liquid is in lungs (aspirated) seek medical care.

EYES: Flush eyes with water for at least 15 minutes. Seek medical attention.

SKIN: Remove diesel soaked clothing. Wash skin with soap and water. If irritation Persists seek medical attention.

NFPA HEALTH = 0 (minimal)

District I
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State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☒ No ☐ Approval Brandon Powell 12/7/06	4. Generator: Conoco Phillips
	5. Originating Site: Jicarilla E #11
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Dawn
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 22; T 26N; R 4W Rio Arriba County	Project #96052-711

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 20 cy oil contaminated soil due to spill on day tank from lost valve.

CWS and MSDS for Havoline motor oil attached

Estimated Volume 20 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 12/06/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

A Gomez A706573 711

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **Jicarilla E #11** **API#** 30-039-2111 **hCOP**	Location of the Waste (Street address &/or ULSTR): **S- 22 T- 26N R- 04W** **Rio Arriba County, New Mexico**
4. Source and Description of Waste **Oil spill on day tank due to lost valve. Transporter Dawn Trucking Approx 20 cy.**	
5. WO 4295595	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

__ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

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

X MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
____Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 12/6/06

** MSDVIEW HEADER INDEX **
02191 HAVOLINE FORMULA 3 MOTOR OIL SAE 10W-40

Date Issued: 05-12-94

Supersedes: 11-24-92

TEXACO

MATERIAL SAFETY DATA SHEET

NOTE: Read and understand Material Safety Data Sheet before handling or disposing of product.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MATERIAL IDENTITY

Product Code and Name: 02191 HAVOLINE FORMULA 3 MOTOR OIL SAE 10W-40

Chemical Name and/or Family or Description: Havoline Motor Oils

Manufacturer's Name and Address:
TEXACO LUBRICANTS COMPANY
A DIVISION OF TEXACO REFINING AND MARKETING INC.
P.O. Box 4427
Houston, TX 77210-4427

Telephone Numbers:

Transportation Emergency - Company	:	(914) 831-3400
CHEMTREC	:	(800) 424-9300
Health Emergency - Company	:	(914) 831-3400
General MSDS Assistance	:	(914) 838-7204
Technical Information - Fuels	:	(914) 838-7336
- Chemical	:	(512) 459-6543
- Lubricant/Antifreezes	:	(800) 782-7852
- Additives	:	(713) 235-6278
- Solvents	:	(800) 876-3738

2. COMPOSITION/INFORMATION ON INGREDIENTS

THE CRITERIA FOR LISTING COMPONENTS IN THE COMPOSITION SECTION IS AS FOLLOWS: CARCINOGENS ARE LISTED WHEN PRESENT AT 0.1% OR GREATER; COMPONENTS WHICH ARE OTHERWISE HAZARDOUS ACCORDING TO OSHA ARE LISTED WHEN PRESENT AT 1.0% OR GREATER; NON-HAZARDOUS COMPONENTS ARE LISTED AT 3.0% OR GREATER. THIS IS NOT INTENDED TO BE A COMPLETE COMPOSITIONAL DISCLOSURE. REFER TO SECTION 14 FOR APPLICABLE STATES' RIGHT TO KNOW AND OTHER REGULATORY INFORMATION.

Product and/or Component(s) Carcinogenic According to:
OSHA [ ]
IARC [ ]
NTP [ ]
OTHER [ ]
NONE [X]

Composition: (Sequence Number and Chemical Name)

Seq.		Chemical Name	CAS Number	Range in %
01	*	Solvent dewaxed light	64742-56-9	50.00-64.99

		paraffinic petroleum distillate		
02	*	Severely solvent refined, solvent-dewaxed heavy paraffinic petroleum distillates	64742-65-0	20.00-34.99

PRODUCT IS NON-HAZARDOUS ACCORDING TO OSHA (1910.1200).

* COMPONENT IS HAZARDOUS ACCORDING TO OSHA.

Exposure Limits referenced by Sequence Number in the Composition Section

Seq.	Limit	
01	5 mg/m3	TWA-OSHA (MINERAL OIL MIST)
01	5 mg/m3	TWA-ACGIH (MINERAL OIL MIST)
02	5 mg/m3	TWA-OSHA (MINERAL OIL MIST)
02	5 mg/m3	TWA-ACGIH (MINERAL OIL MIST)
02	10 mg/m3	STEL ACGIH (MINERAL OIL MIST)

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Light red liquid

Odor: Additive odor

WARNING STATEMENT
WARNING! USED GASOLINE MOTOR OIL IS A POSSIBLE SKIN CANCER HAZARD BASED ON ANIMAL DATA

N.D. - NOT DETERMINED
N.A. - NOT APPLICABLE
N.T. - NOT TESTED
< - LESS THAN
> - GREATER THAN

HMIS

Health:	0
Flammability:	1
Reactivity:	0
Special:	-

NFPA

Health:	0
Flammability:	1
Reactivity:	0
Special:	-

POTENTIAL HEALTH EFFECTS

Primary Route of Exposure:

EYE	[X]
SKIN	[X]
INHALATION	[X]
INGESTION	[ ]

EFFECTS OF OVEREXPOSURE

Acute:

Eyes: May cause minimal irritation, experienced as temporary discomfort.

Skin:

Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.

Other than the potential skin irritation effects noted above, acute (short term) adverse effects are not expected from brief skin contact; see other effects, below, and Section 11 for information regarding potential long term effects.

Inhalation: Vapors or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Ingestion: If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Sensitization Properties: Unknown.

Chronic: No adverse effects have been documented in humans as a result of chronic exposure. Section 11 may contain applicable animal data.

Medical Conditions Aggravated by Exposure: Because of its defatting properties, prolonged and repeated skin contact may aggravate an existing dermatitis (skin condition).

Other Remarks: When overheated, product may release hydrogen sulfide (H_2S) gas. H_2S concentrations above permissible concentrations can cause irritation of the eyes and respiratory tract, headache, dizziness, nausea, vomiting, diarrhea and pulmonary edema. At concentrations above 300 ppm, respiratory paralysis, causing unconsciousness and death, can occur.

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Skin: Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

Ingestion: If more than several mouthfuls of this material are swallowed, give two glasses of water (16 oz.). Get medical attention.

Inhalation: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

Other Instructions: Remove and dry-clean or launder clothing soaked or soiled with this material before reuse. Dry cleaning of contaminated clothing may be more effective than normal laundering. Inform individuals responsible for cleaning of potential hazards associated with handling contaminated clothing.

5. FIRE-FIGHTING MEASURES

Ignition Temperature (degrees F): Not determined.

Flash PoInt (degrees F): > 400 (COC)

Flammable Limits (%):
Lower: Not determined.
Upper: Not determined.

Recommended Fire Extinguishing Agents And Special Procedures: Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

Unusual or Explosive Hazards: Hydrogen sulfide (H2S) may be released if overheated.

Special Protective Equipment for Firefighters: No special equipment or procedures required.

6. ACCIDENTAL RELEASE MEASURES

(Transportation Spills: CHEMTREC (800) 424-9300)

Procedures in Case of Accidental Release, Breakage or Leakage: Ventilate area. Avoid breathing vapor. Wear appropriate personal protective equipment, including appropriate respiratory protection. Contain spill if possible. Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE

Precautions to be Taken in

Handling: Minimum feasible handling temperatures should be maintained.

Storage: Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment (Type)

Eye/Face Protection: Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact.

Skin Protection: Workers should wash exposed skin several times daily with soap and water. Soiled work clothing should be laundered or dry-cleaned.

Respiratory Protection: Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH or MSHA approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

Ventilation: Adequate to meet component occupational exposure limits (see Section 2).

Exposure Limit for Total Product: None established for product; refer to Section 2 for component exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light red liquid

Odor: Additive odor

Boiling Point (degrees F): Not determined.

Melting/Freezing point (degrees F): Not applicable.

Specific Gravity (water=1): .88

pH of undiluted product: Not applicable.

Vapor Pressure: Not determined.

Viscosity: 87.5 cSt at 40.0 C

VOC Content: Not determined.

Vapor Density (air=1): Not determined.

Solubility in Water (%): Not determined.

Other: None

10. STABILITY AND REACTIVITY

This Material Reacts Violently With:
(If Others is checked below, see comments for details)

Air	[ ]
Water	[ ]
Heat	[ ]
Strong Oxidizers	[X]
Others	[ ]
None of These	[ ]

Comments: Under extreme temperatures or extended storage periods, hydrogen sulfide (H2S) gas may accumulate in the head-space of container.

Products Evolved When Subjected to Heat or Combustion: Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones, and combustion products or compounds of sulfur (may include hydrogen sulfide).

Hazardous Polymerizations: DO NOT OCCUR

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Median Lethal Dose

Oral: LD50 Believed to be > 5.00 g/kg (rat) practically non-toxic

Inhalation: Not determined.

Dermal: LD50 Believed to be > 3.00 g/kg (rabbit) practically non-toxic

Irritation Index, Estimation of Irritation (Species)

Skin: (Draize) Believed to be < .50/8.0 (rabbit) no appreciable effect

Eyes: (Draize) Believed to be < 15.00/110 (rabbit) no appreciable effect

Sensitization: Not determined.

Other: Used gasoline motor oils have been shown to cause skin cancer when repeatedly applied to mouse skin without any effort to remove the material between applications. There is no evidence of a causal relationship between skin cancer in humans and exposure to used motor oil.

12. DISPOSAL CONSIDERATIONS

Waste Disposal Methods
This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

Remarks
None

13. TRANSPORT INFORMATION

Transportation

DOT:
Proper Shipping Name: Not regulated

IMDG:
Proper Shipping Name: Not evaluated

ICAO:
Proper Shipping Name: Not evaluated

TDG:
Proper Shipping Name: Not evaluated

14. REGULATORY INFORMATION

Federal Regulations:

SARA Title III:

Section 302/304 Extremely Hazardous Substances

Seq.	Chemical Name	CAS Number	Range in %
None			

Section 302/304 Extremely Hazardous Substances (CONT)

Seq.	TPQ	RQ
None		

Section 311 Hazardous Categorization:
Acute [ ]
Chronic [ ]
Fire [ ]
Pressure [ ]
Reactive [ ]
N/A [X]

Section 313 Toxic Chemical

Chemical Name	CAS Number	Concentration
Zinc dithiophosphate	ACC#81697	0.10-0.99
Zinc dithiophosphate	25103-54-2	0.10-0.99

CERCLA 102(a)/DOT Hazardous Substances:
(+ indicates DOT Hazardous Substance)

Seq.	Chemical Name	CAS Number	Range in %

None

CERCLA/DOT Hazardous Substances (Sequence Numbers and RQ's):

Seq.	RQ

None

TSCA Inventory Status: This product is listed on the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

Other: None.

State Regulations:

California Proposition 65:

The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical Name	CAS Number

None

States Right-to-know Regulations:

Chemical Name	State Right-to-know
Solvent dewaxed light paraffinic petroleum distillate	MA

State list: CT (Connecticut), FL (Florida), IL (Illinois), MI (Michigan) LA (Louisiana), MA (Massachusetts), NJ (New Jersey), PA (Pennsylvania), RI (Rhode Island),

International Regulations:

WHMIS Classification: Not regulated

Canada Inventory Status: N.D.

EINECS Inventory Status: N.D.

Australia Inventory Status: N.D.

Japan Inventory Status: N.D.

15. ENVIRONMENTAL INFORMATION

Aquatic Toxicity: Not determined.

Nobility: Not determined.

Persistence and Biodegradability: Not determined.

Potential to Bioaccumulate: Not determined.

Remarks: None

16. OTHER INFORMATION

None

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE. IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE PRODUCT FOR PURPOSE OF HAZARD COMMUNICATION AS PART OF TEXACO'S PRODUCT SAFETY PROGRAM. IT IS NOT INTENDED TO CONSTITUTE PERFORMANCE INFORMATION CONCERNING THE PRODUCT. NO EXPRESS WARRANTY, OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE WITH RESPECT TO THE PRODUCT OR THE INFORMATION CONTAINED HEREIN. DATA SHEETS ARE AVAILABLE FOR ALL TEXACO PRODUCTS. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL TEXACO PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE AND YOU ARE ENCOURAGED AND REQUESTED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

TO DETERMINE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT, USER SHOULD CONSULT HIS LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. TEXACO DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.

Date: 05-12-94
[ ] New
[X] Revised, Supersedes: 11-24-92

Date printed: 07-15-94

Inquiries regarding MSDS should be directed to:
Texaco Inc.
Manager, Product Safety
P.O. Box 509
Beacon, N.Y. 12508

PLEASE SEE NEXT PAGE FOR PRODUCT LABEL

17. PRODUCT LABEL

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT. THIS LABEL COMPLIES WITH THE REQUIREMENTS OF THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) FOR USE IN THE WORKPLACE. THIS LABEL IS NOT INTENDED TO BE USED WITH PACKAGING INTENDED FOR SALE TO CONSUMERS AND MAY NOT CONFORM WITH THE REQUIREMENTS OF THE

CONSUMER PRODUCT SAFETY ACT OR OTHER RELATED REGULATORY REQUIREMENTS.

02191 HAVOLINE FORMULA 3 MOTOR OIL SAE 10W-40

WARNING STATEMENT
WARNING! USED GASOLINE MOTOR OIL IS A POSSIBLE SKIN CANCER HAZARD BASED ON ANIMAL DATA

PRECAUTIONARY MEASURES

-Continuous contact with used gasoline motor oils has caused skin cancer in laboratory animals.

-Avoid contact with used motor oil.

-Avoid prolonged breathing of vapor, mist, or gas.

-Clean oil-soaked clothing before reuse.

-Wash thoroughly after handling.

FIRST AID

Eye Contact: Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

Skin Contact: Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

Ingestion: If more than several mouthfuls of this material are swallowed, give two glasses of water (16 oz.). Get medical attention.

Inhalation: If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

Note to Physician: None

FIRE
In case of fire, use water spray, dry chemical, foam or carbon dioxide. Water may cause frothing. Use water spray to cool fire-exposed containers.

Chemical Name	CAS Number	Range in %
* Solvent dewaxed light paraffinic petroleum distillate	64742-56-9	50.00-64.99
* Severely solvent refined, solvent-dewaxed heavy paraffinic petroleum distillates	64742-65-0	20.00-34.99

PRODUCT IS NON-HAZARDOUS ACCORDING TO OSHA (1910.1200).

* COMPONENT IS HAZARDOUS ACCORDING TO OSHA.

Pennsylvania Special Hazardous Substance(s)	CAS Number	Range in %
None		

HMIS
Health: 0

Flammability: 1
Reactivity: 0
Special: -

NFPA
Health: 0
Flammability: 1
Reactivity: 0
Special: -

Transportation

DOT:
Proper Shipping Name: Not regulated

CAUTION: Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

Manufacturer's Name and Address:
TEXACO LUBRICANTS COMPANY
A DIVISION OF TEXACO REFINING AND MARKETING INC.
P.O. Box 4427
Houston, TX 77210-4427

TRANSPORTATION EMERGENCY
Company: (914) 831-3400
CHEMTREC: (800) 424-9300

HEALTH EMERGENCY
Company: (914) 831-3400

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: Conoco Phillips
	5. Originating Site: Argenta Compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Flint
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) Sec 4; T 33N; R 10W	Project #96052-710

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Accept approximately 1.5 cy impacted soil from around compressor from regulatory cleaning. RCRA 8 metals completed 12/05/06 revealed the following levels: Arsenic 0.071 mg/Kg; Barium 52.2 mg/Kg; Cadminum 0.088 mg/Kg; Chromium 0.107 mg/Kg; Lead 0.592 mg/Kg; Mercury nondetect; Selenium nondetect; Silver 0.004 mg/Kg

CWS and analyticals attached

Estimated Volume 1.5 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 12/06/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

AO50479. Betts 710

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Bill Richardson
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address Conoco Phillips 3401 E 30th. St. Farmington, New Mexico 87499	2. Destination Name: EnviroTech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Fax (505) 632-1865
3. Originating Site (name): **Argenta Compressor Station** **hCOP**	Location of the Waste (Street address &/or ULSTR): **S- 04 T- 33N R- 10W**
4. Source and Description of Waste **Regulatory cleaning of location, resulting in 1.5 cy of impacted soil from around compressor. Transporter Flint.**	
5. WO 4277274	

I, Gregg Wurtz representative for :
Print Name

Conoco Phillips do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July,1988, regulatory determination, the above described waste is: (Check appropriate classification)

X EXEMPT oilfield waste

NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non –hazardous waste defined above.

For **NON-EXEMPT** waste the following documentation is attached (check appropriate items):
___MSDS Information
___RCRA Hazardous Waste Analysis
___Chain of Custody
___Other (description

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Gregg Wurtz

Title: Env. Rep
Date: 12/6/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	ConocoPhillips	Project #:	96052-026-307
Sample ID:	Compressor	Date Reported:	12-05-06
Laboratory Number:	39363	Date Sampled:	12-03-06
Chain of Custody:	1819	Date Received:	12-04-06
Sample Matrix:	Soil	Date Analyzed:	12-05-06
Preservative:	N/A	Date Digested:	12-04-06
Condition:	Intact	Analysis Needed:	Total Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	**0.071**	**0.001**	**5.0**
Barium	**52.2**	**0.001**	**100**
Cadmium	**0.088**	**0.001**	**1.0**
Chromium	**0.107**	**0.001**	**5.0**
Lead	**0.592**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**ND**	**0.001**	**1.0**
Silver	**0.004**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectroscopy, SW-846, USEPA, December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments: **Argenta CDP**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS
Quality Control /
Quality Assurance Report

Client:	QA/QC	Project #:	QA/QC
Sample ID:	12-05 TM QA/AC	Date Reported:	12-05-06
Laboratory Number:	39363	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	12-05-06
Condition:	N/A	Date Digested:	12-04-06

Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.071	0.071	0.0%	0% - 30%
Barium	ND	ND	0.001	52.2	52.1	0.2%	0% - 30%
Cadmium	ND	ND	0.001	0.088	0.090	2.3%	0% - 30%
Chromium	ND	ND	0.001	0.107	0.110	2.8%	0% - 30%
Lead	ND	ND	0.001	0.592	0.597	0.8%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Silver	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%

Spike Conc. (mg/Kg)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	0.071	0.570	99.8%	80% - 120%
Barium	0.500	52.2	52.6	99.8%	80% - 120%
Cadmium	0.500	0.088	0.586	99.7%	80% - 120%
Chromium	0.500	0.107	0.605	99.7%	80% - 120%
Lead	0.500	0.592	1.05	96.2%	80% - 120%
Mercury	0.500	ND	0.498	99.6%	80% - 120%
Selenium	0.500	ND	0.499	99.8%	80% - 120%
Silver	0.500	0.004	0.503	99.8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 3050B, Acid Digestion of Sediments, Sludges and Soils. SW-846, USEPA, December 1996.

Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmision Spectorscopy, SW-846, USEPA, December 1996.

Comments: **QA/QC for Sample 39363**

Analyst

Review

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

CHAIN OF CUSTODY RECORD

1819

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
ConocoPhillips	Argenta CDP	

Sampler:	Client No.															Remarks
David Bowen	96052-026-007															
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	BTEX & METALS										
Compressor	12/3/06	0615	39363	Soil	1	✓										

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12-4-06	8:50 AM		12/4/06	0850
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

(COPY) RESULTS TO: ED HASELY
DAVID #215-4761
CALL W/ RESULTS

ENVIROTECH INC.
5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice			

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised March 17, 1999

Submit Original
Plus 1 Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: ☐ Non-Exempt: ☒ Verbal Approval Received: Yes ☐ No ☐	4. Generator: BJ Services 5. Originating Site: District yard, Farmington
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401	8. State: New Mexico
7. Location of Material (Street Address or ULSTR) 3250 Southside River Road, Farmington NM	Project # 95026-015

9. Circle One:

A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification 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 analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

RCVD DEC 7 06
OIL CONS. DIV.
DIST. 3

BRIEF DESCRIPTION OF MATERIAL:

Accept material from wash bay. Wash bay used to wash oilfield equipment.

CWS and TCLP dated February 9, 2006 attached.

Estimated Volume 40 cy Known Volume (to be entered by the operator at the end of the haul) _____cy

SIGNATURE Denny Foust TITLE: Environmental Geologist DATE: 11/15/06
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Denny G Foust TELEPHONE NO: (505) 632-0615

(This space for State Use)

APPROVED BY: _____ TITLE: _____ DATE: _____

APPROVED BY: _____ TITLE: _____ DATE: _____

12-05-06:01:24PM:

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
BJ Services 3250 Southside River Road Farmington, New Mex. 87401	Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): Farmington District YARD attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR): 3250 Southside River Road Farmington, New Mexico
4. Source and Description of Waste Wash bay Sludge from washing field equipment.	

I, Les Baugh (Print Name) representative for :

BJ Services do hereby certify that, according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above described waste is: (Check appropriate classification)

___ **EXEMPT** oilfield waste

X **NON-EXEMPT** oilfield waste which is non-hazardous by characteristic analysis or by product identification

and that nothing has been added to the exempt or non-exempt non-hazardous waste defined above.

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

___ MSDS Information
___ RCRA Hazardous Waste Analysis
___ Chain of Custody
X Other (description TCLP

This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 subpart 1403.C and D.

Name (Original Signature): Les Baugh

Title: Facilities Supervisor

Phone Number: 505.330.0002

Date: 11/15/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	BJ Services	Project #:	95026-001
Sample ID:	#1 Wash Bay / Drying Bed	Date Reported:	02-09-06
Lab ID#:	36149	Date Sampled:	02-06-06
Sample Matrix:	Sludge	Date Received:	02-07-06
Preservative:	Cool	Date Analyzed:	02-07-06
Condition:	Cool and Intact	Chain of Custody:	14939

Parameter	Result	
IGNITABILITY:	**Negative**	
CORROSIVITY:	**Negative**	**pH = 8.76**
REACTIVITY:	**Negative**	

RCRA Hazardous Waste Criteria

Parameter	Hazardous Waste Criterion
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21. *(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.)*
CORROSIVITY:	Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. *(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)*
REACTIVITY:	Characteristic of Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23. *(i.e. Violent reaction with water, strong base, strong acid, or the generation of Sulfide or Cyanide gases at STP with pH between 2.0 and 12.5)*

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

Comments:

Mary Bruce
Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED
VOLATILE ORGANICS

Client:	BJ Services	Project #:	95026-001
Sample ID:	#1 Wash Bay / Drying Bed	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	02-06-06
Chain of Custody:	14939	Date Received:	02-07-06
Sample Matrix:	TCLP Extract	Date Extracted:	02-07-06
Preservative:	Cool	Date Analyzed:	02-11-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	Fluorobenzene	**99.8%**
	1,4-difluorobenzene	**99.8%**
	4-bromochlorobenzene	**99.8%**

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

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

Comments:

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040
PHENOLS

Client:	BJ Services	Project #:	95026-001
Sample ID:	#1 Wash Bay / Drying Bed	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	02-06-06
Chain of Custody:	14939	Date Received:	02-07-06
Sample Matrix:	TCLP Extract	Date Extracted:	02-07-06
Preservative:	Cool	Date Analyzed:	02-11-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-Fluorophenol	**100%**
	2,4,6-Tribromophenol	**100%**

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

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

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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

Comments:

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091
Nitroaromatics and Cyclic Ketones

Client:	BJ Services	Project #:	95026-001
Sample ID:	#1 Wah Bay / Drying Bed	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	02-06-06
Chain of Custody:	14939	Date Received:	02-07-06
Sample Matrix:	Water	Date Extracted:	02-07-06
Preservative:	Cool	Date Analyzed:	02-11-06
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection 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.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorobiphenyl	**100%**

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 8091, 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:

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC LEACHING PROCEDURE
TRACE METAL ANALYSIS

Client:	BJ Services	Project #:	95026-001
Sample ID:	#1 Wash Bay / Drying Bed	Date Reported:	02-09-06
Laboratory Number:	36149	Date Sampled:	02-06-06
Chain of Custody:	14939	Date Received:	02-07-06
Sample Matrix:	TCLP Extract	Date Analyzed:	02-09-06
Preservative:	Cool	Date Extracted:	02-07-06
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
Arsenic	**ND**	**0.001**	**5.0**
Barium	**0.974**	**0.001**	**100**
Cadmium	**0.017**	**0.001**	**1.0**
Chromium	**0.006**	**0.001**	**5.0**
Lead	**0.032**	**0.001**	**5.0**
Mercury	**ND**	**0.001**	**0.2**
Selenium	**0.011**	**0.001**	**1.0**
Silver	**0.005**	**0.001**	**5.0**

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, December 1996.

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note: Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, August 24, 1998.

Comments:

Analyst

Review

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021
AROMATIC / HALOGENATED VOLATILE ORGANICS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-11-TCV QA/QC	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	N/A
Sample Matrix:	N/A	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Concentration (mg/L)	Detection Limit	Laboratory Blank	Method Blank	Sample Conc.	Duplicate Conc.	Percent Difference
Vinyl Chloride	0.0001	ND	ND	ND	ND	0.0%
1,1-Dichloroethene	0.0001	ND	ND	ND	ND	0.0%
2-Butanone (MEK)	0.0001	ND	ND	ND	ND	0.0%
Chloroform	0.0001	ND	ND	ND	ND	0.0%
Carbon Tetrachloride	0.0001	ND	ND	ND	ND	0.0%
Benzene	0.0001	ND	ND	ND	ND	0.0%
1,2-Dichloroethane	0.0001	ND	ND	ND	ND	0.0%
Trichloroethene	0.0003	ND	ND	ND	ND	0.0%
Tetrachloroethene	0.0005	ND	ND	ND	ND	0.0%
Chlorobenzene	0.0003	ND	ND	ND	ND	0.0%
1,4-Dichlorobenzene	0.0002	ND	ND	ND	ND	0.0%

Matrix Spike Concentration (mg/L)	Amount Spiked	Sample Result	Spike Result	Percent Recovery	Acceptable Range
Vinyl Chloride	0.0500	ND	0.0499	99.8%	26-163
1,1-Dichloroethene	0.0500	ND	0.0499	99.8%	43-143
2-Butanone (MEK)	0.0500	ND	0.0500	100.0%	47-132
Chloroform	0.0500	ND	0.0500	100.0%	49-133
Carbon Tetrachloride	0.0500	ND	0.0499	99.8%	43-143
Benzene	0.0500	ND	0.0500	100.0%	39-150
1,2-Dichloroethane	0.0500	ND	0.0500	100.0%	51-147
Trichloroethene	0.0500	ND	0.0499	99.9%	35-146
Tetrachloroethene	0.0500	ND	0.0499	99.9%	26-162
Chlorobenzene	0.0500	ND	0.0500	100.0%	38-150
1,4-Dichlorobenzene	0.0500	ND	0.0497	99.3%	42-143

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.
Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using PID and/or ECD Dectectors, SW-846, USEPA, December 1996.

Comments: **QA/QC for sample 36149.**

Analyst

Review

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8041
PHENOLS
Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-11-TCA QA/QC	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
o-Cresol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
p,m-Cresol	**ND**	**ND**	**0.040**	**ND**	**ND**	**0.0%**
2,4,6-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
2,4,5-Trichlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Pentachlorophenol	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**

ND - Parameter not detected at the stated detection limit.

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 8041, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for sample 36149.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8091

Nitroaromatics and Cyclic Ketones

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	02-11-TBN QA/QC	Date Reported:	02-11-06
Laboratory Number:	36149	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-11-06
Condition:	N/A	Analysis Requested:	TCLP

Blanks & Duplicate Conc (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	Percent Diff.
Pyridine	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Hexachloroethane	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Nitrobenzene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
Hexachlorobutadiene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
2,4-Dinitrotoluene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**
HexachloroBenzene	**ND**	**ND**	**0.020**	**ND**	**ND**	**0.0%**

ND - Parameter not detected at the stated detection limit.

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 8091, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.

Comments: **QA/QC for sample 36149.**

Analyst

Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311
TOXICITY CHARACTERISTIC
LEACHING PROCEDURE
TRACE METAL ANALYSIS
Quality Assurance Report

Client:	N/A	Project #:	N/A
Sample ID:	02-09-TCM QA/QC	Date Reported:	02-09-06
Laboratory Number:	36149	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	02-09-06
Condition:	N/A	Date Extracted:	02-07-06

Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detection Limit	Sample	Duplicate	% Difference	Acceptance Range
Arsenic	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Barium	ND	ND	0.001	0.974	0.976	0.2%	0% - 30%
Cadmium	ND	ND	0.001	0.017	0.017	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%
Lead	ND	ND	0.001	0.032	0.031	3.1%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.011	0.011	0.0%	0% - 30%
Silver	ND	ND	0.001	0.005	0.005	0.0%	0% - 30%

Spike Conc. (mg/L)	Spike Added	Sample	Spiked Sample	Percent Recovery	Acceptance Range
Arsenic	0.500	ND	0.499	99.8%	80% - 120%
Barium	0.500	0.974	1.47	99.7%	80% - 120%
Cadmium	0.500	0.017	0.517	100.0%	80% - 120%
Chromium	0.500	0.006	0.506	100.0%	80% - 120%
Lead	0.500	0.032	0.531	99.8%	80% - 120%
Mercury	0.500	ND	0.499	99.8%	80% - 120%
Selenium	0.500	0.011	0.510	99.8%	80% - 120%
Silver	0.500	0.005	0.505	100.0%	80% - 120%

ND - Parameter not detected at the stated detection limit.

References: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

Methods 3010, 3020, Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, USEPA, December 1996.

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission, SW-846, USEPA, December 1996.

Comments: **QA/QC for Samples 36149, 36152.**

Analyst

Review

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14939

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location	ANALYSIS / PARAMETERS
BJ Services		
Sampler: BPowell	Client No. 95026-001	

Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	No. of Containers	TCLP No H or P						Remarks
#1 Wash Bay/Drying Bed	2/6/06	14:20	36149	sludge	1	✓						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Brandon Powell	2/7/06	9:03	M Bruce	2/7/06	9:03
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

ENVIROTECH INC.

5796 U.S. Highway 64
Farmington, New Mexico 87401
(505) 632-0615

Sample Receipt	Y	N	N/A
Received Intact	✓		
Cool - Ice/Blue Ice	✓		

265

Submit in duplicate 578 129