

C-138

Date: 2003

District II State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resou 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505	RECEIVED rces APR n 4 2003 Environmental Bureau Oil Conservation Division Form C-138 Revised March 17, 1999 Submit Original Plus 1 Copy to Appropriate District Office
REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🗋 Non-Exempt: 🖾	4. Generator: El Paso Field Services
Verbal Approval Received: Yes 🗋 No 🛛	5. Originating Site: 3B-1 Compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Moss
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 33, T30N, R9W, SJC	Project #97057-051
 B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste capproved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: Soil contaminated with antifreeze and lube oil. CWS attached. Otal 	classified hazardous by listing or testing will be
Estimated Volume <u>10</u> cy Known Volume (to be entered by the operator at the end of	the haul) <u>13 cy</u>
SIGNATURE JANAR ACKSO TITLE: Environmental Waste Management Facility Authorized Agent	Administrative Assistant DATE: 01/03/02
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	This is the correct date
(This space for State Use) APPROVED BY: Deny torn TITLE: Environment APPROVED BY: Mutyn Thy TITLE: Environment	0/Engr DATE: 03/28/03 1/ (mbgst DATE: 04/04/05

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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

(This space for State Use)

APPROVED BY

APPROVED BY:

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: 🖾	4. Generator: El Paso Field Services
Verbal Approval Received: Yes 🗌 No 🖾	5. Originating Site: 3B-1 Compressor Station
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Moss
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 33, T30N, R9W, SJC	Project #97057-051
9. <u>Circle One</u> :	
 AAll-requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste c approved 	necessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:	
Soil contaminated with antifreeze and lube oil. CWS attached. $TOTOL$ is Estimated Volume 10 cy Known Volume (to be entered by the operator at the end of	MAR 2003 MAR 2003 MAR 2003 DIV. ON DIST. 3
SIGNATURE Hanagement Facility Authorized Agent TITLE: Environmental	Administrative Assistant DATE: 01/03/02
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	

TITLE

TITLE:

DATE:

DATE

CERTIFICATE OF WASTE STATUS

*

1. Generator Name and Address:	2. Destination Name:
El Paso Field Services Co.	Envirotech Soil Remediation Facility
614 Reilly Avenue	Landfarm #2
Farmington, NM 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of Waste (Street address &/or ULSTR):
3B-1 Compressor Station	Section 33, T30N, R9W, San Juan Co., NM
Attach list of originating sites as appropriate 4. Source and Description of Waste	
Soil contaminated with antifreeze and lube of	1
ı, David Bays	representative for:
(Print Name)	
El Paso Field Services	CO. do hereby certify that,
according to the Resource Conservation and Rec 1988 regulatory determination, the above describe	overy Act (RCRA) and Environmental Protection Agency's July,
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	r non-hazardous waste defined above.
	· · · · · · · · · · · · · · · · · · ·
For NON-EXEMPT waste only, the following docu	mentation is attached (check appropriate items):
X* MSDS Information X* RCRA Hazardous Waste Analy	Other (description)
Chain of Custody	
Name (Original Signature):	I Bay
Title: Principal I	Environmental Scientist
Date: March 10,	, 2003
* TCLP analysis completed by Envirotech	

Envirotech Labs

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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TRACE METAL ANALYSIS

Client:	Envirotech	Project #:	
Sample ID:	S - 1	Date Reported:	03-27-03
Laboratory Number:	25212	Date Sampled:	03-25-03
Chain of Custody:	10753	Date Received:	03-25-03
Sample Matrix:	Soil	Date Analyzed:	03-27-03
Preservative:	Cool	Date Digested:	03-26-03
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	ND	0.001	5.0
Barium	8.85	0.001	100
Cadmium	ND	0.001	1.0
Chromium	3.50	0.001	5.0
Lead	4.82	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:

Landfarm #2, Cell M 9.

Analyst

hristin Muleters Review

Envirotechlabs

PRACTICAL SOLUTIONS'FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

Client:	Client:			Project #:			N/A	
Sample ID:	Sample ID:		QA/QC	Date Repo	orted:		03-27-03	
Laboratory Number:		25212		Date Sam	pled:		N/A	
Sample Matrix:		Soil		Date Rece	eived:		N/A	
Analysis Requested:		Total RCR	A Metals	Date Analyzed:		03-27-03		
Condition:		N/A		Date Digested:		03-26-03		
	1001 _ 10000000 * 100 00000000000 * 1000	······						
Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	Detectio	n Sample	Duplicate	% Diff,	Acceptance Range	
Arsenic	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
Barium	ND	ND	0.001	8.85	8.83	0.2%	0% - 30%	
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
Chromium	ND	ND	0.001	3.50	3.52	0.6%	0% - 30%	
Lead	ND	ND	0.001	4.82	4.80	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		Spike	Sample	Spiked	Percent		Acceptor	
Conc. (mg/L)		Added	Sample	Spikeu			Acceptance Range	
				<u> </u>			range	
Arsenic		0.500	ND	0.499	99.8%		80% - 120%	
Barium		0.500	8.85	9.34	99.9%		80% - 120%	
Cadmium		0.500	ND	0.500	100.0%		80% - 120%	
Chromium		0.500	3.50	3.99	99.8%		80% - 120%	
Lead		0.500	4.82	5.31	99.8%		80% - 120%	
Mercury		0.050	ND	0.049	98.0%		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 sample 25212.

Analyst

"hristin Mucetars Revi

CHAIN OF C JSTO JY RECOR J

Client / Project Name			Project Location		··					÷							
Envirotech			Landfarr	0#2	Cellm	19		RCKA		μ	NALYSI	S / PAR	AMETEF	15			
Sampler:	····		Client No.				S	SS							Remarks		
Mike Stahle	2		Landfa	rm			No. of Containers	al									
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Cont Cont	Total									
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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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🛛 Non-Exempt: 🗌	4. Generator: Conoco Phillips				
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: SJ 32-7 #80				
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Cimarron				
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) "L" Sec 3, T31N, R7W, SJC	Project #96052-030				

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:

Condensate contaminated soil. Approximately 1bbl of condensate was spilled from pit.

CWS attached.



Estimated Volume <u>4</u> cy Known Volume (to be entered by the operator at the end of the haul) _

SIGNATURE (Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 04/30/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)		
	E	
APPROVED BY: Dent tent TITLE:	Enviro/Engl	DATE: <u>05/08/03</u>
APPROVED BY:	9-cc 109765	DATE: <u>6/8/3</u>



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

D

Lori Wrotenbery Director **Oil Conservation Division**

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CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
ConocoPhillips Company	Envirotech Inc. Soil Remediation Facility
5525 Hugy, 64	Landfarm #2
5525 Husy. 64 Farmington, NM 87401	Hilltop, New Mexico
i and group are on i	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR);
San Juan 32-7 #80	30-045-25391
Whit L, Sec. 3, T3IN, R7W 1695' FSL & 660' FWL, San Ju	
attach list of originating sites as appropriate	an Courty, NM
4. Source and Description of Waste	
Condensate stained soil - 3+	04 cubic yards 5557
	Mar Ca
	(1) 2002 El
I. Monica D. Rodahl	E L Z
Print Name	representative for :
· · · · · · · · · · · · · · · · · · ·	The second se
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 NON-EXEMPT	f 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 -haza	rdous waste defined above.
For NON-EXEMPT waste the following documentation is attached (che	sk annronriate itema).
	(description
RCRA Hazardous Waste Analysis	
Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally Occur NMAC 3.1 subpart 1403.C and D.	ring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): MMica D. Rodahl	
Title: HSE Technician	
Date: 4-30-03	· ·

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

District III Energy Minerals and Natural Resol 1301 W. Grand Avenue, Artesia, NM 8 MAY 1 2 2003 District III Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 8 Enstronmental Bureau Oil Conservation Division District IV Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505	UTCES ECEIVED Revised March 17, 1999 MAY 0 9 2003 COLL CONCEPTION OF COLL CONCEPTION COLL CONCEPTION OF COLL CONCEPTION
REQUEST FOR APPROVAL TO ACCE	PT SOEIDIWASTE
1. RCRA Exempt: 🔲 Non-Exempt: 🔀	4. Generator: Hanover Compression
Verbal Approval Received: Yes 🔲 No 🛛	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) 1280 Troy King Road, Farmington	Project #99043-004
 B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for transporters 	classified hazardous by listing or testing will be
material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Wash bay sump sludge.	classified hazardous by listing or testing will be
material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Wash bay sump sludge.	classified hazardous by listing or testing will be
material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Wash bay sump sludge. ICLP dated 8/26/02, CWS, & Re-affirmation attached.	classified hazardous by listing or testing will be nsport.
material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Wash bay sump sludge. ICLP dated 8/26/02, CWS, & Re-affirmation attached. CLP dated 8/26/02, CWS, & Re-affirmation attached.	classified hazardous by listing or testing will be nsport. List 2000 bbl S and of the haul)cy al Administrative Assistant DATE: 04/30/0
material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Wash bay sump sludge. ICLP dated 8/26/02, CWS, & Re-affirmation attached. ICLP dated 8/26/02, CWS, & Re-affirmation attached.	classified hazardous by listing or testing will be nsport. List 2000 bbl 5 and of the haul)cy al Administrative Assistant DATE: 04/30/0

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
J 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

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🗌 Non-Exempt: 🔀	4. Generator: Hanover Compression
Verbal Approval Received: Yes 🗌 No 🛛	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) 1280 Troy King Road, Farmington	Project #99043-004

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:

Wash bay sump sludge.

TCLP dated 8/26/02, CWS, & Re-affirmation attached.



Estimated Volume <u>4 bbl</u> cy Known Volume (to be entered by the operator at the end of the haul)

	andrea	R.	actso_	_
- ŵ	aste Management	Facility A	uthorized Agent	

TITLE: Environmental Administrative Assistant

DATE: 04/30/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)		
APPROVED BY: Deny Kent	TITLE: En viro/Engr	DATE: 05708/03
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 HANOVER COMPRESSOR [280 TROY KING RD. FARMINGTON, NM B740]	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
	3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
	SAME AS ABOVE	1280 TROY KING RD FARMINGTON, NM 87401
	attach list of originating sites as appropriato 4. Source and Description of Waste	
	WASH BAY SUMP SLUD - CONTAMINATED SC	SE NAY Dra
I,	BRYAN RICHARDSON Print Name	representative for :
Conserv describe	Vation and Recovery Act (RCRA) and Environmental Protect ed waste is: (Check appropriate classification)	do hereby certify that, according to the Resource ion Agency's July, 1988, regulatory determination, the above
EX		MPT oilfield waste which is non-hazardous by characteristic or by product identification
and that	t nothing has been added to the exempt or non-exempt non -	hazardous waste defined above.
For NO	N-EXEMPT waste the following documentation is attached MSDS Information	(check appropriate items): Dther (description
	Chain of Custody	Other (description AFFIRMATION OF WASTE STATUS
This wa NMAC	aste is in compliance with Regulated Levels of Naturally O 3.1 subpart 1403.C and D.	Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): BDRAA	
Title:	HSE COONDINGTOR	
Date:	4-30-03	

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>



REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characteristic Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

Date of TCLF	8/26/02-
Printed Name	BEYAN RICHARDSON
Title / Agenc	HSE COOPDINGTOR
Address	HANOVER
	1280 TROY KING 87401
Signature	BORU
Date	4-30-03

TOTAL P.03

Date: 04-Sep-02

Hall Environmental Analysis Laboratory

CLIENT:	Envirotech	Client Sample ID: 23644
Lab Order:	0208155	Collection Date: 8/26/02 10:15:00 AM
Project:	Hanover Compression	
Lab ID:	0208155-01	Matrix: SOIL

Analyses	Result	Limit (Qual Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED					Analyst: JD
Benzene	ND	0.50	mg/L	1	8/29/02
2-Butanone	ND	200	mg/L	1	8/29/02
Carbon Tetrachloride	ND	0.50	mg/L	1	8/29/02
Chlorobenzene	ND	100	mg/L	1	8/29/02
Chloroform	ND	6.0	mg/L	1	8/29/02
1,4-Dichlorobenzene	ND	7.5	mg/L	1	8/29/02
1,2-Dichloroethane (EDC)	ND	0.50	mg/L	1	8/29/02
1,1-Dichloroethene	ND	0.70	mg/L	1	8/29/02
Hexachlorobutadiene	. ND	0.50	mg/L	1	8/29/02
Tetrachloroethene (PCE)	ND	0.70	mg/L	1	8/29/02
Trichloroethene (TCE)	ND	0.50	mg/L	1 . ·	8/29/02
Vinyl chloride	ND	0.20	mg/L	1	8/29/02
Surr: 1,2-Dichloroethane-d4	. 97.0	70-130	%REC	['] 1	8/29/02
Surr: 4-Bromofluorobenzene	97.6	70-130	%REC	1	8/29/02
Surr: Dibromofluoromethane	101	70-130	%REC	1	8/29/02
Surr: Toluene-d8	98.1	70-130	%REC	1	8/29/02
EMIVOLATILES, TCLP LEACHED					Analyst: CS
2,4,5-Trichlorophenol	ND ·	400	mg/L	1	8/30/02
2,4,6-Trichlorophenol	NÐ	2.00	mg/L	1	8/30/02
2,4-Dinitrotoluene	ND	0.130	mg/L	· 1	8/30/02
Cresols, Total	ND	200 [°]	mg/L	1	8/30/02
Hexachlorobenzene	ND	0.130	mg/L	1	8/30/02
Hexachlorobutadiene	ND	0.500	mg/L	- 1	8/30/02
Hexachloroethane	ND	3.00	mg/L	1	8/30/02
Nitrobenzene	ND	2.00	mg/L	1	8/30/02
Pentachlorophenol	ND	100	mg/L	1	8/30/02
Pyridine	ND	5.00	mg/L	1	8/30/02
Surr: 2,4,6-Tribromophenol	85.9	0-169	%REC	1	8/30/02
Surr: 2-Fluorobiphenyl	57.3	6-118	%REC	1	8/30/02
Surr: 2-Fluorophenol	43.0	0-103	%REC	1	8/30/02
Surr: 4-Terphenyl-d14	. 40.8	3-135	%REC	1 ·	8/30/02
Surr: Nitrobenzene-d5	59.1	8-115	%REC	1	8/30/02
Surr: Phenol-d6	33.5	0-127	%REC	1	8/30/02
IERCURY, TCLP LEACHED					Analyst: MAP
Mercury	ND	0.020	mg/L	1	8/28/02
PA METHOD 6010C: TCLP METALS					Analyst: NMO
Arsenic	ND	5.0	mg/L	1	8/29/02 10:06:08 AM
Barium	ND	100	mg/L	1	8/29/02 9:10:34 AM
Cadmium	ND	1.0	mg/L	1	8/29/02 9:10:34 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

E - Value above quantitation range

R - RPD outside accepted recovery limits

Page 1 of 2⁴

Hall Environmental Analysis Laboratory

CLIENT:EnvirotechLab Order:0208155Project:Hanover CompressionLab ID:0208155-01

Date: 04-Sep-02

Client Sample ID: 23644 Collection Date: 8/26/02 10:15:00 AM

Matrix: SOIL

Analyses	Result	Limit Q	ual Units	DF	Date Analyzed
Chromium	ND .	5.0	mg/L	. 1	8/29/02 9:10:34 AM
Lead	ND	5.0	mg/L	1	8/29/02 9:10:34 AM
Selenium	ND	1.0	mg/L	1	8/29/02 9:10:34 AM
Silver	ND	5.0	mg/L	1	8/29/02 11:23:39 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quanititation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

Page 2 of 2

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

	0114044	 			A	
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Hanover Compression

Envirotech

0208155

CLIENT:

Project:

Work Order:

Sample ID 5ml rb	Batch ID: 2427	Test Code:	SW1311/826) Units: mg/L		Analysi	s Date 8/29	/2002	Prep D	ate	
Client ID:		Run ID:	NEPTUNE_0	20829A		SeqNo	1282	79			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.50									
2-Butanone	ND	200									
Carbon Tetrachloride	ND	0.50									
Chlorobenzene	ND	100									
Chloroform	ND	6.0									
1,4-Dichlorobenzene	ND	7.5									
1,2-Dichloroethane (EDC)	ND	0.50									
1,1-Dichloroethene	ND	0.70									
Hexachlorobutadiene	ND	0.50									
Tetrachloroethene (PCE)	ND	0.70									
Trichloroethene (TCE)	ND	.0.50			-					-	
Vinyl chloride	ND	0.20			÷						
Surr: 1,2-Dichloroethane-d4	0.009406	0	0.01	· 0	94.1	70	130	0			
Surr: 4-Bromofluorobenzene	0.009888	0	0.01	0	98.9	70	130	· · · · · · · · · · · · · · · · · · ·			
Surr: Dibromofluoromethane	0.009984	0	0.01	0	99.8	70	130	· · 0			
Surr: Toluene-d8	0.01021	0	0.01	. 0	102	2 70	130	, Ó			

Date: 05-Sep-02

Method Blank

QC SUMMARY REPORT

1

CLIENT: Enviro Work Order: 02081 Project: Hanov								QC SUM	IMAR	Y REPC Method B	
Sample ID mb-2434	Batch ID: 2434	Test Code:	SW1311/8270	Units: mg/L		Analysis	Date 8/30/	2002	Prep D	ate 8/28/200	2
Client ID:		Run ID:	ELMO_02082	-		SeqNo:	12842		•		_
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	ND	400			·	·					
2,4,6-Trichlorophenol	ND	2.0									
2.4-Dinitrotoluene	ND	0.13									
Cresols, Total	ND	200									
Hexachlorobenzene	ND	0.13									
Hexachlorobutadiene	ND	0.50									
Hexachloroethane	ND	3.0									
Nitrobenzene	ND	2.0									
Pentachlorophenol	ND	- 100									
Pyridine	ND	5.0									
Surr: 2,4,6-Tribromopher	nol 115.5	0	200	0	57.7	0	169	0			
Surr: 2-Fluorobiphenyl	46.65	0	100	0	46.6	6	118	0	,		
Surr: 2-Fluorophenol	86.81	· 0	200	0	43.4	0	103	0			
Surr: 4-Terphenyl-d14	42.14	0	100	0	42.1	3	135	0			
Surr: Nitrobenzene-d5	54.92	0	100	. 0	54.9	8	. 115	0			
Surr: Phenol-d6	57.11	0	200	0	28.6	0	127	0	-		
Sample ID MB-2432	Batch ID: 2432	Test Code	: SW7470	Units: mg/L		Analysi	s Date 8/28	/2002	Prep [Date 8/28/200)2
Client ID:		Run ID:	MI-LA254_02	20828A		SeqNo	1276	21			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.020								·	

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: Work Order: Project:	Envirotech 0208155 Hanover C	ompression					QC SUM	MARY REPORT Method Blank
Sample ID MB-243 Client ID:	1	Batch ID: 2431	Test Code: Run ID:	SW1311/6010 ICP_020829B	Units: mg/L		Analysis Date 8/29/2002 8:52:50 AM SeqNo: 128139	Prep Date 8/28/2002
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Barium Cadmium Chromium Lead Selenium Sample ID MB-24	31	ND ND ND ND Batch ID: 2431	100 1.0 5.0 5.0 1.0 Test Code	: SW1311/6010) Units: mg/L		Analysis Date 8/29/2002 9:59:01 AM	Prep Date 8/28/2002
Client ID:			Run ID:	ICP_020829B	5		SeqNo: 128151	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Arsenic		ND	5.0				· · · · · · · · · · · · · · · · · · ·	
Sample ID MB-24	31	Batch ID: 2431	Test Code	SW1311/601) Units: mg/L	· · · · · · · · · · · ·	Analysis Date 8/29/2002 11:12:29 AM	Prep Date 8/28/2002
Client ID:			Run ID:	ICP_020829E	3		SeqNo: 128162	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Silver		ND	5.0					······································

Qualifiers: - ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

3

Hall Environmental Analysis Laboratory

Date: 04-Sep-02

CLIENT: Work Order: Project:	Envirotech 0208155 Hanover C	compression							QC SU	MMAR Sample	Y REPC e Matrix S	
Sample ID: 02081	55-01A MS	Batch ID: 2432	Test Code:	SW7470	Units: mg/L		Analysis	Date: 8/28/	02	Prep Da	ite: 8/28/02	
Client ID: 23644	ŀ		Run ID:	MI-LA254_02)828A		SeqNo:	12762	5			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.00525	0.00020	0.005	0	105	80	120	0			
Sample ID: 0208	155-01A MSD	Batch ID: 2432	Test Code	SW7470	Units: mg/L		Analysis	Date: 8/28/	02	Prep Da	ate: 8/28/02	
Client ID: 2364	4		Run ID:	MI-LA254_02	0828A		SeqNo:	12762	26			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.00564	0.00020	0.005	0	113 -	80	120	0.00525	7.16	20	
		1										
		1										
		1										
		:										
		•										
		:										
Qualifiers:	ND - Not De	etected at the Reporting Lim			bike Recovery outs	ide accented rec	overy limits		D Analista datas			
Xanningan		letected below quantitation 1			PD outside accepte	-	• •		B - Analyte detec	ieu in me asso(nated Method	
	:)											1

Hall Environmental Analysis Laboratory

Date: 05-Sep-02

CLIENT: Enviro Work Order: 02081 Project: Hanov								QC SUN Laboratory			
Sample ID 100ng Ics	Batch ID: 2427	Test Code:	SW8260B	Units: µg/L		Analysis	Date 8/29/	2002	Prep Da	ite	
Client ID:		Run ID:	NEPTUNE_02	20829A		SeqNo:	12829	95			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Benzene	20.27	1.0	20	0	101	78.7	122	0			
Toluene	22.08	1.0	20	0	110	87.7	122	0			
Chlorobenzene	25.13	1.0	20	0	126	85.6	136	0			
1,1-Dichloroethene	17.49	1.0	20	0	87.4	70.7	117	0			
Trichloroethene (TCE)	20.59	1.0	20	0	103	82.1	125	0			
Sample ID LCS-2434	Batch ID: 2434	Test Code	SW1311/827	0 Units: mg/L		Analysis	Date 8/30	/2002	Prep D	ate 8/28/200)2
Client ID:		Run ID:	ELMO_0208	29A		SeqNo:	1292	19			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
2,4,5-Trichlorophenol	44.56	400	100	0	44.6	9.57	92.2	. 0			J
2,4,6-Trichlorophenol	38.62	2.0	100	0	38.6	13	85.4	0			
2,4-Dinitrotoluene	56.2	0.13	100	0	56.2	21.5	89	0			
Cresols, Total	124.4	200	300	0	41.5	19.2	98.2	0	1		J
Hexachlorobenzene	81.22	0.13	100	Q	81.2	22.9	144	0			
Hexachlorobutadiene	40	0.50	100	0	40.0	. 10,1	86	0			· ·
	42.18	3.0	100	0	42.2	15.2	84.1	0			
Hexachloroethane	42.10										
Hexachloroethane Nitrobenzene	53.92	2.0	100	0	53.9	12.5	105	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

1

CLIENT:

Work Order: 0208155

Project: Hanover Compression

Envirotech

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID LCSD-2434	Batch ID: 2434	Test Code:	SW1311/8270	Units: mg/L		Analysis	Date 8/30/	2002	Prep Da	ite 8/28/2002	2 '
Client ID:		Run ID:	ELMO_02082	9A		SeqNo:	12922	23 .			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
2,4,5-Trichlorophenol	53.82	400	100	0	53.8	9.57	92.2	0			J
2,4,6-Trichlorophenol	48.76	2.0	100	. 0	48.8	13	85.4	0			
2,4-Dinitrotoluene	59.8	0.13	100	· • 0	59.8	21.5	89	0			
Cresols, Total	136.9	200	300	0	45.6	19.2	98.2	0			J
Hexachlorobenzene	. 86.86	0.13	100	0	86.9	22.9	144	0	•		
Hexachlorobutadiene	45.48	0.50	100	0	45.5	10.1	86	0			
Hexachloroethane	45.64	3.0	100	0	45.6	15.2	84.1	0			
Nitrobenzene	55.3	2.0	100	0	55.3	12.5	105	0			
Pentachlorophenol	71.5	100	100	0	71.5	. 32.8	89.9	0			J
Sample ID LCS-2432	Batch ID: 2432	Test Code	: SW7470	Units: mg/L		Analysi	s Date 8/28	/2002	Prep D	ate 8/28/200)2
Client ID:		Run ID:	MI-LA254_02	0828A		SeqNo:	1276	22			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Mercury	0.004995	0.00020	0.005	0	99.9	80	120	0	· · ·		
Sample ID LCS-2431	Batch ID: 2431	Test Code	: SW1311/601	0 Units: mg/L		Analysi	s Date 8/29	/2002 8:59:25 AM	Prep D	ate 8/28/200	02
Client ID:		Run ID:	ICP_0208298	3		SeqNo	1281	40			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qua
Barium	10.33	5.0	10	0	103	70	130	0			
Cadmium	9.808	1.0	10	0	98.1	70	130	0			
Chromium	10.27	5.0	10	0	103	70	130	0			
Lead	9.885	5.0	10	0	98.8	70	130	0			
Selenium	8.54	1.0	10	0	85.4	70	130	0			

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

2

CLIENT: Work Order: Project:	Envirotech 0208155 Hanover C	n Compression							QC SUM Laboratory C			
Sample ID LCS-2	2431	Batch ID: 2431	Test Code: Run ID:	SW1311/6010 ICP_020829B	•	<u> </u>	Analysis SeqNo:		2002 10:00:20 AM 52	Prep Da	ate 8/28/2002	2
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic		9.318	5.0	10	· 0	93.2	70	130	0			
Sample ID LCS- Client ID:	-2431	Batch ID: 2431	Test Code: Run ID:	SW1311/6010 ICP_020829B	-		Analysis SeqNo:		/2002 11:14:07 AM 63	Prep Da	ate 8/28/200	2
Anaiyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver		3.368	1.0	3.5	0	96.2	70	130	0			
Sample ID LCS	D-2431	Batch ID: 2431	Test Code Run ID:	SW1311/6010) Units: mg/L		Analysi SeqNo:		/2002 11:15:19 AM 64	Prep D	ate 8/28/200)2
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Silver		3.365	1.0	3.5	0	96.1	70	130	3.368	0.101	30	

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

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Client / Project Name Banover Comp	ression		Project Location	I Touty			A	NALYSIS / F	ARAMETE	RS		
Sampler: JLS			Client No. 99043-0	04	No. of Containers	HEP H				Re	marks	
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix	Cont	3H 0/m						
Sample 1	8-26-02	1015	23644	Soil	/	1	· · · ·			Compos	Ŀ	
		<i>t</i>										
	· · · ·	·										
										· · · · · · · · · · · · · · · · · · ·		
							· · ·			······		
	in de	2 ee	<u> </u>	8-26-02 1100	Al	(Signature)	18	f l		8/2	Date $\frac{1}{2}$	Time /1 . W
Frelinquished by: (Signat	ure)			Rec	eived by	: (Signature)						
Relinquished by: (Signat	ture)		·	Rec	eived by	: (Signature)						
	· ·		· · · · · · · · · · · · · · · · · · ·	ENVIROTE	CH	IINC	· · · · · · · · · · · · · · · · · · ·			Sample R	eceipt	
				5796 U.S. Hig Farmington, New	ghway	64			Re	ceived Intact	Y	/ N N/A
				(505) 632	-0615	J U HU I	·		Cool	- Ice/Blue Ice	$\overline{\mathcal{V}}$	

District II State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource 'District II Energy Minerals and Natural Resource 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District III 000 Rio Brazos Road, Azzec, NM 87410 District IV 1220 South St. Francis Dr. 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505	RECEIVED Irces MAY 1 2 2003 Environmental Bureau Otl Conservation Division Form C-131 Revised March 17, 199 Submit Origina Plus 1 Cop to Appropriat District Offic
REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🔲 Non-Exempt: 🛛	4. Generator: Compressor Systems Inc.
Verbal Approval Received: Yes 🗌 No 🔀	5. Originating Site: NEBU 412
2. Management Facility Destination: Envirotech Soil Remediation Facility, Landfarm #2	6. Transporter: Paul & Sons
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) Sect 29, T31N, R7W, 840' FSL, 1725' FWL	Project #01038-010
approved	
Soil contaminated when screw compressor oil leaked onto the ground due	.sca/
All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Soil contaminated when screw compressor oil leaked onto the ground due CWS & MSDS attached.	sea /
BRIEF DESCRIPTION OF MATERIAL: Soil contaminated when screw compressor oil leaked onto the ground due	to a faulty $\frac{5 \text{ ca}}{100000000000000000000000000000000000$
BRIEF DESCRIPTION OF MATERIAL: Soil contaminated when screw compressor oil leaked onto the ground due CWS & MSDS attached. Estimated Volume $\underline{8}$ cy Known Volume (to be entered by the operator at the end of	to a faulty $\frac{5 \text{ ca}}{100000000000000000000000000000000000$
BRIEF DESCRIPTION OF MATERIAL: Soil contaminated when screw compressor oil leaked onto the ground due CWS & MSDS attached. Estimated Volume <u>8</u> cy Known Volume (to be entered by the operator at the end of SIGNATURE MMACAR, MASSACE TITLE: Environmenta	to a faulty server. $\frac{5 c_a}{16000000000000000000000000000000000000$

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- / · · ·		
<u>1</u> 	State of New Mexico Energy Minerals and Natural Resou	Form C-138 rces Revised March 17, 1999
<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Submit Original Plus 1 Copy to Appropriate District Office
REQUES	T FOR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exe	mpt: 🛛	4. Generator: Compressor Systems Inc.
Verbal Approval Received:	Yes 🗌 No 🖾	5. Originating Site: NEBU 412
2. Management Facility Destination: Landfarm #2	Envirotech Soil Remediation Facility,	6. Transporter: Paul & Sons
 Address of Facility Operator: 579 87401 	6 U.S. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Addre FSL, 1725' FWL	ss or ULSTR) Sect 29, T31N, R7W, 840'	Project #01038-010
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to acce	pt oilfield exempt wastes will be accompanied by pt non-exempt wastes must be accompanied by n e Generator's certification of origin. No waste cl	ecessary chemical analysis to PROVE the
All transporters must certify the wa	astes delivered are only those consigned for trans	port.

BRIEF DESCRIPTION OF MATERIAL:

Soil contaminated when screw compressor oil leaked onto the ground due to a faulty seale.

CWS & MSDS attached.

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Known Volume (to be entered by the operator at the end of the haul) _____ Estimated Volume 8 cy

SIGNATURE Management Facility Authorized Agent	TITL

LE: Environmental Administrative Assistant DATE: 04/23/03

cy

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	i.
	ITLE: Enviro/Engl DATE: 5708/03
APPROVED BY: 1	ITLE: DATE:



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIQ BRAZOS ROAD AZTEC, NEW NERICO 47410 (506) 234-6179 Par (303)314-017

GARY E. JOHNSON GOVERNOR

ENNIFER	٨.	SAL	18	BU	RY
CABINET	15	BCR	ÊT	15	Ŷ

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: MORA

CERTIFICATE OF WASTE STATUS

2. Destination Neme: 1.5
ENVEROTECH INC IN MILLER
Location of the Waste (Street address &/or ULSTR):
CT29 TWN 3/N 840' FSG 1725 FWG
7W 3R07945
ED OUT ON GROUND FROM FAULTY SCAL
•
representative for:
de hander ite
do hereby certify that, overy Act (RCRA) and Environmental Protection Agency's July, bed waste is: (Check eppropriate classification)
XEMPT oilfield waste which is non-hazardous by characteristic
s or by product identification
s or by product identification r non-exempt non-hazardous waste defined above. entation is attached (check appropriate items): Other (description):
s or by product identification

Kinto Ing Name (Original Signature): Title: Serran

SCRUTE

Date: 4/23/03

Ed WU91:80 1002 22 . HEW

Material Safety Data Sheet

Page 1 of 7

1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON HDAX NG Screw Compressor Oil

PRODUCT NUMBER(S): CPS255204 CPS255205 SYNONYM: CHEVRON HDAX NG Screw Compressor Oil ISO 150 CHEVRON HDAX NG Screw Compressor Oil ISO 68

COMPANY IDENTIFICATION

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EMERGENCY TELEPHONE NUMBERS

Chevron Products Company Global Lubricants 555 Market St. Room 803 San Francisco, CA 94105-2870 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 HDAX NG Screw Compressor Oil

CONTAINING

Components	Amount	LIMIT/QTY	AGENCY/TYPE
HYDROTREATED DIST., HVY PAI Chemical Name: DISTILLATES CAS64742547 >		HEAVY PARAFFINIC 5 mg/m3 (mist) 10 mg/m3 (mist) 5 mg/m3 (mist)	ACGIH TWA Acgih Stel Osha Pel
ADDITIVES	20.000		

< 20.00%

COMPOSITION COMMENT:

All the components of this material are on the Toxic Substances Control

Revision Number: 0

Ravision Data: 10/25/97

MSDS Number: 006852

FILE No.636 01/09 '03 PM 02:58 ID:COMPRESSOR SYSTEMS INC. FAX:15056328985

CHEVRON HDAX NG Screw Compressor Oil

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:

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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.

Ingest I on :

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

Revision Number: 0

Revision Date: 10/25/97

MSDS Number: 006852

PAGE

CHEVRON HDAX NG Screw Compressor Oil

Page 4 of 7

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 DESCRIPT Liquid.	PION:
pH:	NDA
VAPOR PRESSURE:	NA
VAPOR DENSITY	and a second
(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:	61.2 - 135 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

Revision Number: 0

Ravision Date: 10/25/97

MSDS Number: 006852

X-005(121 (01-89)

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:

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This material is not expected to be harmful to aquatic organisms. 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: NOT DESIGNATED AS A HAZARDOUS MATERIAL BY THE FEDERAL DOT DOT HAZARD CLASS: NOT APPLICABLE DOT IDENTIFICATION NUMBER: NOT APPLICABLE DOT PACKING GROUP: NOT APPLICABLE

Revision Number: 0

Revision Date: 10/25/97

MSDS Number: 006852

X-005021 (01-89)

15. REGULATORY INFORMATION

SARA 311 CATEGORIES:

Immediate (Acute) Health Effects: 1. NO Delayed (Chronic) Health Effects: 2. NO 3. Fire Hazard: NO 4. Sudden Release of Pressure Hazard: NO Reactivity Hazard: 5. 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
	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,

EU 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: This is a new Material Safety Data Sheet

Revision Number: 0

Ravision Date: 10/25/97

MSDS Number: 006852

CHEVRON HDAX NG

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ABBREVIATIONS THAT MAY HAVE BEEN	
TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Ceiling Limit	CAS - Chemical Abstract Service Number
Al-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 (2400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, P.O. Box 4054, 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 MSD5

Revision Number: 0

Revision Date: 10/25/97

MSDS Number: 006852

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 Resour Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-138 Revised March 17, 1999 APR 2003 Submit Original Plus 1 Copy to Appropriate District Office
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🔲 Non-Exempt: 🛛	3	4. Generator: Hanover Compression
Verbal Approval Received: Yes] No 🖾	5. Originating Site: Yard
2. Management Facility Destination: Envir Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. 87401	. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or U Farmington	LSTR) 1280 Troy King Road,	Project #99043-006
one certificate per job. B. All requests for approval to accept non-	exempt wastes must be accompanied by n	y a certification of waste from the Generator; necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
All transporters must certify the wastes de	livered are only those consigned for trans	sport.
BRIEF DESCRIPTION OF MATERIAL:		
Oil contaminated soil generated at a yar	d cleanup.	

CWS and Trace Metals Analysis attached.

Estimated Volume 12 cy Known Volume (to be entered by the operator at the end of the haul) <u>12 cy</u>
SIGNATURE MANALCR. ACKSO TITLE: Environmental Administrative Assistant DATE: 04/09/03
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 0
(This space for State Use) APPROVED BY: 1) - engrowith TITLE: Enviro/Engr DATE: 04/09/03 APPROVED BY: Mintyn jilly. TITLE: Environment 600/04/54 DATE: 4/14/03

District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Reso District II Energy Minerals and Natural Reso 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505	APR 2003 Submit Original Plus 1 Copy to Appropriate District Office
REQUEST FOR APPROVAL TO ACCE	PT SOLID WASTE
1. RCRA Exempt: 🔲 Non-Exempt: 🖾	4. Generator: Hanover Compression
Verbal Approval Received: Yes 🗌 No 🖾	5. Originating Site: Yard
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) 1280 Troy King Road, Farmington	Project #99043-006
 A. All requests for approval to accept oilfield exempt wastes will be accompanied i one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste approved All transporters must certify the wastes delivered are only those consigned for transporters DESCRIPTION OF MATERIAL: Oil contaminated soil generated at a yard cleanup. CWS and Trace Metals Analysis attached. 	necessary chemical analysis to PROVE the classified hazardous by listing or testing will be
Estimated Volume <u>12</u> cy Known Volume (to be entered by the operator at the end	of the haul)cy
SIGNATURE Management Paeility Authorized Agent TITLE: Environmenta Waste Management Paeility Authorized Agent TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-061	<u>l Administrative Assistant</u> DATE: <u>04/09/03</u> <u>5</u>
(This space for State Use) APPROVED BY: Demptoust TITLE: Enviro / APPROVED BY:	Engr DATE: <u>04/08/03</u> DATE:

HPR-08-2003 16:46 HHNUVER C	ERGY, MINERALS and
	OURCES DEPARTMENT
BILL RICHARDSON Goverbor Juanna Prukop Cabinet Secretary	Lori Wrotenbery Director Oil Conservation Division
CERTIFICATE OF	WASTE STATUS
1. Generator Name and Address HANOVER COMPRESSOR 1280 TROY KING RD. FARMINGTON, N.M. 87401 3. Originating Site (name):	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR):
HANOVER FACILITY YARD attach list of originating sites as appropriate	1280 TROY KING RD. FARMINGTON, NM 87401
OIL CONTAMINATED SO I, <u>BRYAN</u> <u>RICHARDSON</u> Print Name	representative for :
Conservation and Recovery Act (RCRA) and Environmental Protection described waste is: (Check appropriate classification)	do hereby certify that, according to the Resource n Agency's July, 1988, regulatory determination, the above
EXEMPT oilfield waste NON-EXEM	PT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or non-exempt non -has For NON-EXEMPT waste the following documentation is attached (ch MSDS InformationOtho CRCRA Hazardous Waste Analysis Chain of Custody	
This waste is in compliance with Regulated Levels of Naturally Occ NMAC 3.1 subpart 1403.C and D.	urring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): 500	
Title: <u>HSE COORDINATOR</u>	

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Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emmrd.state.nm.us</u>

ENVIROTECH _ABS

TRACE METAL ANALYSIS

Client:	Hanover Compression	Project #:	99043-006
Sample ID:	Sample #1	Date Reported:	04-08-03
Laboratory Number:	25287	Date Sampled:	04-05-03
Chain of Custody:	10782	Date Received:	04-07-03
Sample Matrix:	Soil	Date Analyzed:	04-08-03
Preservative:	Cool	Date Digested:	04-07-03
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.116	0.001	5.0
Barium	5.53	0.001	100
Cadmium	0.119	0.001	1.0
Chromium	0.510	0.001	5.0
Lead	ND	0.001	5.0
Mercury	ND	0.001	0.2
Selenium	0.052	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:	Farmington Yard Composite of 12 locations.
Analyst	2. Quinturin Watter

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

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Client:	QA/QC	Project #:	Ń/A
Sample ID:	04-08-TM QA/QC	Date Reported:	04-08-03
Laboratory Number:	25286	Date Sampled:	N/A
Sample Matrix:	Soit	Date Received:	N/A
Analysis Requested:	Total RCRA Metals	Date Analyzed:	04-08-03
Condition:	N/A	Date Digested:	04-07-03

Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L)	Method Blank	Detection Limit	Sample	Duplicate	%	Acceptance
Arsenic	ND	ND	0.001	0.296	0.294	Diff. 0.7%	Range 0% - 30%
Barium	NÐ	ND	0.001	9.60	9.64	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.326	0.328	0.6%	0% - 30%
Chromium	ND	ND	0.001	3.54	3.57	0.8%	0% - 30%
Lead	ND	ND	0.001	3.48	3.45	0.9%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.117	0.114	2.6%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%

Spiked Spike Spike Sample Percent Acceptance Conc. (mg/L Recovery Sample Range -Arsenic 0.500 0.296 0.794 99.7% 80% - 120% Barium 0.500 9.60 10.1 100.0% 80% - 120% Cadmium 0.500 0.326 0.825 99.9% 80% - 120% Chromium 0.500 3.54 4.03 99.8% 80% - 120% Lead 0.500 3.48 3.96 99.5% 80% - 120% Mercury 0.050 ND 0.049 98.0% 80% - 120% Selenium 0.500 0.615 99.7% 0.117 80% - 120% Silver 0.500 0.500 0.001 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 25286 - 25287.

Analyst

ristin Madeters

CHAIN OF CUSTODY RECORD

Client / Project Name	•		Project Location							A		S / PARA	METER	35			
Hanover Com Sampler: Brian Richard	pressio	<u>h</u>	Harmingto	2n ya	rd									·•			
Sampler:	•		Harmington yard			ers	2 2							Remark	s		
Brian Richard	100n	2	99043	-00 6	· · · · · · · · · · · · · · · · · · ·	ō	No. of Containers CEA & Letal										
Sample No./	Sample	Sample Time	Lab Number		Sample Matrix	Z	Cor	RCRA 8 metall									
Identification	Date		25287	- ·			1							<u>C.</u>		~	
Sample#1	4 5 103	10:00am	+0-1-62	s Soi			1							Compo 12 lls	Site	0}	
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					(505)	632-06	15						Cool	- Ice/Blue I	ce L	+	

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🗌	4. Generator: Natco
Verbal Approval Received: Yes 🗖 No 🛛	5. Originating Site: Yard
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) 2855 Southside River Road, Farmington	Project #97018-001

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:

Contaminated dirt and sludge from various locations generated during the cleaning of oil and gas production equipment at Natco's yard.

Location list, CWS, and NORMS attached.

Estimated Volume <u>15 bbl cy</u>

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

SIGNATURE/ Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 04/09/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
APPROVED BY: Den Fourt TITLE: Enviro/Engr	DATE: <u>04/09/03</u>
APPROVED BY: TITLE: yeologist	DATE: 4-9-3



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CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: Natco,2855 Southside River RD	2. Dostination Name: Envirotect Soil Remediation Jacility handfarm#2.
· · ·	
3. Originating Site (name): Solid generated during the cleanin eqipment, at Natco,s yard.	Location of the Waste (Street address &/or ULSTR): g of oil and gas production
Attach Bat of originating altes as appropriate	
4. Source and Description of Waste	
Contaminated dirt and sluge, from var	ious locations see attatched list.
1. Jeffrig Jillartiper	representative for:
National Tank Co. Farmington	do hereby certify that,
	very Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above describe	d wasta in: (Chat maked its classification)
1986, regulatory determination, the epove describe	
	EMPT oilfield waste which is non-hazardous by characteristic or by product identification
and that nothing has been added to the exempt or r	non-exempt non-hazardous waste defined above.
For NON-EXEMPT waste only the following docu MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	umentation is attached (check appropriate items): Other (description):
Name (Original Signature): Attor of M	hertz

Date: 4-9-03

Sheet1

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	4-8-03 WASTE SOLIDS		
· ·	WASTE SOLIDS		
COMPANY	LOCATION	JOB NUMBER	
Burlington Burlington Burlington	27-4-#124	73035641	784
Burlindon	127-4#9	73035855	28 28 38 30 30
Ruelinsta	21-549 27-5#169DK 28-6#111	73035865	28
Burlinster	27-5#169NK	7303 5866	100
Barlington	129-1- # ///	73036/31	Bai
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#1 <u>NATCO</u>
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // tax (tax Reck) Date: 4/8/03
Survey instrument model: <u>Judium 3-98</u> Last calibrated: <u>10/25/02</u>
Item description: 1-55 gallen linite deve-
Number of pieces:
Location where items originated: Unknown (equipment, tanks act.)
Background reading: UR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination,
Romarks: Texted bacant from the top Also texted
from the Mathy South East & Mest at better of
Balle (
Inspector, Jesse Manzaneres an a man
What is final disposition? To larm use tound in davours.
Released to: <u>Illian it may lance an</u> Date: <u>4/8/03</u>

#2 (<u>NATCO</u>)
INSPECTION FOR NORM CONTAMINATION
Location: // twis (and (ilast Rick) Date: 4/8/03
Survey instrument model: /udlam 3-98 Last calibrated: 10/25/02
Item description: 1-55 gadlen blue te dawn
Number of pieces:
Location where items originated: Unknown (equipment tanks act.)
Background reading: uR/hr
Highest NORM reading:
Lowest NORM reading: 10.0 uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tisted breach for the tester
- hen the Meethy South Easter Alter at bottom of
Backe.
Inspector: Jesse Manzanses and Min-
What is final disposition? The Means and tours in dama
Released to: <u>Illicon it may ancosin</u> Date: <u>41/2/03</u>

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#3 (<u>NATCO</u>)
INSPECTION FOR NORM CONTAMINATION
Location: // took (and Charl Rick) Date: 4/8/03
Survey instrument model: Ludium 3-98 Last calibrated: 10/25/02
Item description: 1-55 galler lites to dawa
Number of pieces:
Location where items originated: Unknown (equipment tanks act.)
Background reading: 12.5 uR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested breech file the test of hetlen of
Bu Rdc-
Inspector. Jesse Manzanades for a mana
What is final disposition? The Mean and the in nacons
Released to: <u>21/100 it only lencucin</u> Date: <u>11/9/23</u>

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#4 (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // tois (had (ilack Rick) Date: 4/8/03
Survey instrument model: <u>Judium 3-98</u> Last calibrated: <u>10/25/02</u>
Item description: 1-55 Jullen Whate drum.
Number of pieces:
ļ
Background reading: uR/hr Highest NORM reading: uR/hr (corrected for background) Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested here the top Also tester Joen the Mathy South East of Mass of bottom of Backe
Inspector: Jesse Manzunages an manune What is final disposition? Ile Means and the tornal in decemes.
Released to: <u>Il'allow it may through</u> Date: <u>4/6/03</u>
Harden in the the mary lance and Daile,

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#5 <u>NATCO</u>
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // tos (and Check Rick) Date: 4/8/03
Survey instrument model: Judium 3-95 Last calibrated: 10/25/02
Item description: 1-55 gulles liter the claum.
Number of pieces:
Location where items originated: Unknown (equipment tanks act.)
Background reading: uR/hr
Highest NORM reading:
Lowest NORM reading: UR/hr (corrected for background)
Any samples laken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested bierel South East & Mester Aber Tester
Bakkel
Inspector Alexandre
What is final disposition? I've Mean and trand in diacons.
Released to: <u>Illicon it are an and</u> Date: <u>1/6/23</u>

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#6 <u>NATCO</u>
INSPECTION FOR NO.R.M. CONTAMINATION
Location: Matter Gad (that Rick) Date: 4/8/03
Survey instrument model: 10/25/02 Last calibrated: 10/25/02
Item description: 1-55 gullen when the drawn.
Number of pieces:
Background reading: uR/hr Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background) Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination. Pieces found to have NORM contamination.
Remarks: Tested breach file the test of better of Jean the Machy South Fink & filest at better of Bucker
Inspector, Jesse Manzanakes and Aman
Released to: <u>21/kon it may harrien</u> Date: <u>4/k/23</u>

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#7 (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: Martin's Goal (inst Reck) Date: 4/8/03
Survey instrument model: /ud/um 3-98 Last calibrated: 10/25/02
Item description: 1-55 guller laborte dava-
Number of pieces:
Location where items originated: Unknown (equipment tanks ect.)
Background reading: uR/hr
Highest NORM reading:
Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested breek with East of better et
Dy Che-1
Inspector: Jesse Manzanades for A. Manne-
What is final disposition? The Massimus the in diames
Released to: <u>21/100 it any lineven</u> Date: <u>4/8/03</u>

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#8 (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: / tos (and (incl pack) Dale: 4/8/03
Survey instrument model: Judlum 3-98 Last calibrated: 10/25-102
Item description: 1-55 guiller the the dawn.
Number of pieces:
Location where items originated: Inknown (equipment, tanks eat.)
Background reading: uR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading:
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tester have the tes the tester
- her the fletty South Frisk , flast at better et
What is final disposition? The Mean and tomas in drume.
What is final disposition? the locan and tomas in decomes.
Released to: <u>21/1/100- if may lanceran</u> Date: <u>4/8/82</u>

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#9 (<u>NATCO</u>)
Location: // Local (ilace Reck) Date: 4/8/03
Survey instrument model: <u>Ludlan 3-98</u> Last calibrated: <u>10/25/02</u>
Item description: 1-5. 5. les liter te dawn.
Number of pieces: Location where items originated: <u>Unknown</u> (guipment tanks act.)
Background reading: uR/hr Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background) Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Testel have the test Alle tester from the Mostly South Earth of Million of Sother of Backer
Inspector: Jesce Manzanes of the man to the man
Released to: <u>Illicant may times a</u> Date: <u>1/6/83</u>

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#10 NATCO
INSPECTION FOR NOR M. CONTAMINATION
Location: // tip's (and (include) Date: 4/8/03
Survey instrument model: <u>Judium 3-96</u> Last calibrated: <u>JU</u> 25-162
Item description: Sadlen later te dava
Number of pieces:
Background reading: uR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading:
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Testel breach dien the test of Also tester Joen the Methy South Earth & Altest of Setters of Bullec
Inspector: <u>Jesse Manzaneses</u> <u>Jesse Manne</u> . What is final disposition? <u>Je Manna and to make in Mauma</u> .
Released to: <u>Illicon it may lincoan</u> Date: <u>1/2/03</u>

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#// (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // twis (had (ilack Reck) Date: 4/8/03
Survey instrument model: <u>Jud lum 3-98</u> Last calibrated: <u>10/25/02</u>
llem description: 1-55 gallen literte d'aun-
Number of pieces:
Location where items originated: Unknown (equipment tanks act.)
Background reading: UR/hr
Highest NORM reading: 2.5 uR/hr (corrected for background)
Lowest NORM reading: vR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Total brack light the top Alle Tester
- Backer
Inspector: Jesse Manzanaces for a manual string in days
Released to: 21thon it pray British Date: 41/0/03

HA (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // to's your (incl Rick) Date: 4/8/03
Survey instrument model: <u>Jud lum 3-96</u> Last calibrated: <u>10/25/02</u>
Item description: 1-55 gadlen litre dava-
Number of pieces: Location where items originated: (equipment tanks act.)
Background reading: uR/hr
Highest NORM reading:7.5 uR/hr (corrected for background)
Lowest NORM reading: P. O uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Testel have de tes Also teste Jen the Mostly South Sark & Herlin at betlen of Burken
Inspector: Jesse Manzeneres for a strand in Maryons
Released to: <u>Illing it may line-an</u> Date: <u>1/0/03</u>

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#13 <u>NATCO</u>
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: // fail (and Charle Rick) Date: 4/8/03
Survey instrument model: /udlum 3-98 Last calibrated: 10/25/02
Item description: 1-55 gullen Waste drawn.
Number of pieces:
Location where items originated: Unknown (equipment, trucks act.)
Background reading: uR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested based been the top Ale teste Spen the Mostly South Easter Alest. at better of Based
Inspector. Jesse Manzanskes and Manne
What is final disposition? The Menny and tought in draums
Released to: <u>21throw it may lancedon</u> Date: <u>4/6/03</u>

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HIM NATCO
INSPECTION FOR NORM CONTAMINATION
Location: / tro's Your (inst pack) Date: 4/8/03
Survey instrument model: <u>Judlum 3-98</u> Last calibrated: <u>10/25/02</u>
Item description: 1-55 gullen liteste dava-
Number of pieces:
Background reading: 12.1 uR/hr Highest NORM reading: 8.0 uR/hr (corrected for background) Lowest NORM reading: 9.0 uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected. Pieces found to be free of NORM contamination. Pieces found to have NORM contamination.
Remarks: Tested back from the top Alle tothe Seen the Mostly South First & Illist at better at Backed
Inspector: Jesce Manzanes for i manner
Released to: <u>21 thom it may renewer</u> Date: <u>4/8/03</u>

#15 (<u>NATCO</u>)
INSPECTION FOR NORM CONTAMINATION
Location: Matter Grad (Tack Rick) Date: 4/8/03
Survey instrument model: <u>Judium 7-98</u> Last calibrated: <u>10/25/02</u>
Item description: Jackber betweete dawa.
Number of pieces: Location where items originated: (equipment tanks est.)
Background reading: uR/hr
Highest NOPM reading:uR/hr (corrected for background) Lowest NORM reading:uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected. Pieces found to be free of NORM contamination. Pieces found to have NORM contamination.
Remarks: Testel backer the the test Alles the tester - Sper the Mostly South South South 1 fillest. at better at - Bakke-(
Inspector. <u>Seise Manzacedes</u> <u>A. Manne</u>
Released to: <u>Minom it may anecan</u> Date: <u>4/8/03</u>

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District | 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

15⁻ cv

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🔲 Non-Exempt: 🔀	4. Generator: Conoco Phillips
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: FC State Com #12
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) "A", Sec 36, T32N, R11W, San Juan County	Project #96052-029
9. <u>Circle One</u> : A. All requests for approval to accept oilfield exempt wastes will be accompanied by	a certification of waste from the Concenter

- stes 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 compressor oil contaminated soil generated at a slow leak over time.

CWS and RCRA 8 Metals analysis attached.

Estimated Volume <u>18 cy</u> Known Volume (to be entered by the operator at the end of the haul) <u>10 cy</u>
SIGNATURE And Anthene Authorized Agent TITLE: Environmental Administrative Assistant DATE: 04/08/03
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615
(This space for State Use) APPROVED BY: Derry Tour TITLE: Enviro/Engr DATE: 04/03/03 APPROVED BY: Mantyn JHg. TITLE: Environmuch 60/151 DATE: 4/14/02

262 ⁵ 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	Energy Minerals and Natural Resou Oil Conservation Division 1220 South St. Francis Dr Santa Fe, NM 87505	APR 2003 Submit Original
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🔲 Non-Exempt: 💈	3	4. Generator: Conoco Phillips
Verbal Approval Received: Yes] No 🛛	5. Originating Site: FC State Com #12
2. Management Facility Destination: Envir Landfarm #2	otech Soil Remediation Facility,	6. Transporter: TBA
 Address of Facility Operator: 5796 U.S. 87401 	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or U) San Juan County	LSTR) "A", Sec 36, T32N, R11W,	Project #96052-029
	rator's certification of origin. No waste c	necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
material is not-hazardous and the Generapproved All transporters must certify the wastes de RIEF DESCRIPTION OF MATERIAL:	-	lassified hazardous by listing or testing will be
approved All transporters must certify the wastes de	livered are only those consigned for trans enerated at a slow leak over time.	lassified hazardous by listing or testing will be
approved All transporters must certify the wastes de RIEF DESCRIPTION OF MATERIAL: Used compressor oil contaminated soil g CWS and RCRA 8 Metals analysis attack	livered are only those consigned for trans enerated at a slow leak over time.	lassified hazardous by listing or testing will be
approved All transporters must certify the wastes de RIEF DESCRIPTION OF MATERIAL: Used compressor oil contaminated soil g CWS and RCRA 8 Metals analysis attack	livered are only those consigned for transformed at a slow leak over time. hed. (to be entered by the operator at the end of the operator of the end of the end of the operator of the end o	elassified hazardous by listing or testing will be
approved <u>All transporters must certify the wastes de</u> RIEF DESCRIPTION OF MATERIAL: Used compressor oil contaminated soil g CWS and RCRA 8 Metals analysis attack Stimated Volume <u>18 cy</u> Known Volume (GNATURE MATCUR LOCK)	livered are only those consigned for transformed at a slow leak over time. hed. (to be entered by the operator at the end of the operator of the end of the end of the operator of the end o	Hassified hazardous by listing or testing will be sport. of the haul) cy Administrative Assistant DATE: 04/08/03

4- 4-03; 2:03PM;ENVIROTECH

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4- 8-03; 2:12PM;ConocoPhillips

;505 599 3442 5056321865

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	ENERGY, MINERALS and RESOURCES DEPARTMENT
BILL-RICHARDSON Governor Joanna Prokop Cabinet Secretsry	APR 2003 Oil Conservation Division
CERTIFICAT	TE OF WASTE STATUS
1. Generator Name and Address CorrocoPhillips 5525 Hwy. 64 Farmington, NM 87401	2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name): FC State CM #12 Un	Location of the Waste (Street address &/or ULSTR): HA, SIC. 36, T32N, RIW
ARJ: 30-045-27524 attach list of originating sites as appropriate	San Juan County, NM
Used compressor oil -slow leak over time	- 18 cy soil
Monica D. Rodahl Print Name	representative for :
CONOCOPHillips Co. onservation and Recovery Act (RCRA) and Environmental escribed waste is: (Check appropriate classification)	do hereby certify that, according to the Resource Protection Agency's July, 1988, regulatory determination, the above
EXEMPT oilfield waste	N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification
nd that nothing has been added to the exempt or non-exempt	t non –hazardous waste defined above.
or NON-EXEMPT waste the following documentation is at MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	tached (check appropriate items): Other (description
his waste is in compliance with Regulated Levels of Natur MAC 3.1 subpart 1403.C and D.	rally Occurring Radioactive Material (NORM) pursuant to 20
ame (Original Signature): Monice Q. Roda)	l
ille: <u>HSE & Regulatory Technicia</u>	$\overline{\mathcal{U}}$
ate:7-8-05	
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Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

ENVIROTECA LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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Client:		Conoco Phillips	Project #:	96052-029
Sample	e ID:	Compressor Oil	Date Reported:	04-08-03
Labora	tory Number:	25286	Date Sampled:	04-04-03
Chain d	of Custody:	10781	Date Received:	04-04-03
Sample	e Matrix:	Soil	Date Analyzed:	04-08-03
Preserv	vative:	Cool	Date Digested:	04-07-03
Conditi	on:	Cool & Intact	Analysis Needed:	RCRA Metals

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	TCLP Regulatory Level (mg/Kg)
Arsenic	0.296	0.001	5.0
Barium	9.60	0.001	100
Cadmium	0.326	0.001	i 1.0
Chromium	3.54	0.001	5.0
Lead	3.48	0.001	5.0

0.001

0.001

0.001

ND - Parameter not detected at the stated detection limit.

ND

0.117

0.001

References:

Mercury

Silver

Selenium

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

Yard.

Review

ENVIROTECA LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

•							
Client:		QA/QC		Project #:			N/A
Sample ID:		04-08-TM	QA/QC	Date Repo	orted:		04-08-03
Laboratory Numbe	er:"	25286		Date Sam	pled:		N/A
Sample Matrix:		Soil		Date Rece	eived:		N/A
Analysis Requeste	ed:	Total RCR	A Metals	Date Anal	yzed:		04-08-03
Condition:		N/A		Date Dige	sted:		04-07-03
Blank & Duplicate Conc. (mg/L)	Instrument Blank (mg/L		Detect Limi	Constant College & Assertion Soft in the second	Duplicate	% Diff.	Acceptance Range
Arsenic	ND	ND	0.001	0.296	0.294	0.7%	0% - 30%
Barium	ND	ND	0.001	9.60	9.64	0.4%	0% - 30%
Cadmium	ND	ND	0.001	0.326	0.328	0.6%	0% - 30%
Chromium	ND	ND	0.001	3.54	3.57	0.8%	0% - 30%
Lead	ND	ND	0.001	3.48	3.45	0.9%	0% - 30%
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Selenium	ND	ND	0.001	0.117	0.114	2.6%	0% - 30%
Silver	ND	ND	0.001	0.001	0.001	0.0%	0% - 30%
Spike		Spike	Samp	le Spiked	Percent		Acceptance
Conc. (mg/L)	÷	Added	A. S. C.	Sample	Recovery		Range
Arsenic		0.500	0.296	0.794	99.7%		80% - 120%
Barium		0.500	9.60	10.1	100.0%		80% - 120%
Cadmium		0.500	0.326	0.825	99.9%		80% - 120%
Chromium		0.500	3.54	4.03	99.8%		80% - 120%
Lead		0.500	3.48	3.96	99.5%		80% - 120%
Mercury		0.050	ND	0.049	98.0%		80% - 120%
Selenium		0.500	0.117	0.615	99.7%		80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

Silver

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

0.001

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

0.500

Comments:

QA/QC for samples 25286 - 25287.

0.500

Analyst

<u>Austric of Walters</u> Review

99.8%

80% - 120%

CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location				ANALYSIS / PAF	DAMETERS			
Conoco Phill) DA		yand				ANALTSIS / PAP	AMETERS			
Sampler:	npis	······································	Client No.	······································	0	60		B	emarks		[
Monica Rod	ah (96005	2-02/69	·						{
Sample No./	Sample	Sample	······································	Sample	No. of ontaine	RCR0					
dentification	Date	Time	Lab Number	Matrix	U U						
Coraplesson	414/03	2'200	25286	Soil							
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Relinquished by: (Signatu	lire)	· · · · · · · · · · · · · · · · · · ·		Date Time Rec	aived by: (Signature)	<u> </u>		Date	Ti	ime
Mmila D. R	odahl)			ands		lso	2/1	4103	-2'	4500
Relinquished by: (Signatu					eived by: (S	Signature)					μ
	<u> </u>										1
Relinquished by: (Signatu	ire)			Rece	eived by: (S	Signature)					
		,									
				EOVIROTE	CH			Sample F	Receipt		
									Y	N	N/A
				5796 U.S. Hig	hway 6	4			+		
				Farmington, New				Received Intact			
				(505) 632				Cool - Ice/Blue Ice			

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District J-
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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🗖	4. Generator: Baker Oil Tools
Verbal Approval Received: Yes 🗌 No 🔀	5. Originating Site: Sandstone Yard
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) 785 Sandstone Avenue, Farmington	Project #01039-006

9. <u>Circle One</u>:

- 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:

Sludge generated from power washing down-hole tools. CWS attached.

266/S Known Volume (to be entered by the operator at the end of the haul) Estimated Volume <u>2bbl</u>_cy allso TITLE: Environmental Administrative Assistant lh DATE: 04/08/03 SIGNATURE ana Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)		4
APPROVED BY: Dent Fent	TITLE: Kaviro/Engr	DATE: <u>\$4/09/03</u>
APPROVED BY:		DATE - 7-3
		»



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

; 1

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS 01039-006 1. Generator Name and Address 2. Destination Name: Baker Oil Tools 785 Sanostone Ave Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico FARM'Ngton NM 87401 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): 785 SANDSTONE AVE 785 SANDStone Ave FARMING ton NM 87401 attach list of originating sites as appropriate FARMington NM-87401 4. Source and Description of Waste Sludge generating from power washing downhole tools representative for : ULL TOOLS · 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): Other (description **MSDS** Information **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): MANAGER Title: NAS 00 Date:

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nin.us</u>

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 Resource

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

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Čopy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🗖	4. Generator: El Paso Field Services		
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: Lateral C-38, Ballard Operations Area		
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) SW/4, Sec 13, T27N, R9W, San Juan County	Project #97057-079		

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 contaminated with produced water and hydrocarbons. CWS attached.

Estimated Volume 100_cy

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

8 cv

SIGNATURE' Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 04/07/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)		
	Enviro/Engr	DATE: 04/09/03
APPROVED BY: TITLE	geslogist	DATE: 4-9-3

CERTIFIC	ATE OF WASTE STATUS 97057-079
1. Generator Name and Address:	2. Destination Name:
El Paso Field Services Co. 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):
Lateral C-38 (Ballard Operations Area)	SW/4 Section 13, T27N, R9W, San Juan Co., NM
Attach list of originating sites as appropriate 4 Source and Description of Waste	18070 1010 1010 1010
Soil contaminated with produced water and l	hydrocarbons
,David Bays (Print Name)	representative for:
El Paso Field Service according to the Resource Conservation and Rei 1988 regulatory determination, the above describ	covery Act (RCRA) and Environmental Protection Agency's July
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 o	or non-hazardous waste defined above
For NON-EXEMPT waste only, the following doc	umentation is attached (check appropriate items)
MSDS Information RCRA Hazardous Waste Anal Chain of Custody	Uysis
Name (Original Signature):	J Bay
Fitle: Principal	Environmental Scientist
Date April 7, 2	003

D st 1 1625 N. French Dr., Hobbs, NM 88240 <u>District III</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	APR 2003 CL COLUNY. Submit Original Plus 1 Copy to Appropriate District Office
REQUEST FO	R APPROVAL TO ACCEP	TIGULID WASKE
1. RCRA Exempt: Non-Exempt: Verbal Approval Received: Yes		 Generator: Process Equipment and Service Company 5. Originating Site: PESCO Main Yard
2. Management Facility Destination: Enviro Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UL Farmington	LSTR) 5680 Highway 64,	Project #92142
 9. <u>Circle One</u>: A. All requests for approval to accept oilfie one certificate per job. 	ld exempt wastes will be accompanied b	by a certification of waste from the Generator;

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:

Solids generated from cleaning and refurbishing production storage tanks, separators, dehydrators, and other production equipment.

Certificate of Waste Status and NORMS attached.

		1ك	
Estimated Volume <u>14 boxes</u> cy	Known Volume (to be entered by the operator at the end of the haul)		_cy

SIGNATURE/ Vaste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 04/07/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)			
APPROVED BY: Deny Tour	TITLE:	Enviro/Engr	DATE: <u>04/09/03</u>
APPROVED BY:	TITLE: _	gree bogist	DATE: 4-9-3

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

		TO OVIE
Joa	RICHARDSON Governor anna Prukop binet Secretary	APR 2003 Oil Conservation Division
	CERTIFICATE OF V	VASTESTATUS
	1. Generator Name and Address PESCO 5680 Highway 64 Farmington, New Mexico	2. Destination Name: 72 Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
		cation of the Waste (Street address &/or ULSTR): ainyard, stored in 18 sq. ft. & 12 sq. ft. steel boxes.
[,	Byron Betoni Print Name	representative for :
	ration and Recovery Act (RCRA) and Environmental Protection Act waste is: (Check appropriate classification)	
	analysis or by p	Coilfield waste which is non-hazardous by characteristic product identification
	nothing has been added to the exempt or non-exempt non -hazar N-EXEMPT waste the following documentation is attached (che MSDS InformationOthe CRA Hazardous Waste Analysis Chain of Custody	
	ste is in compliance with Regulated Levels of Naturally Occu 3.1 subpart 1403.C and D.	rring Radioactive Material (NORM) pursuant to 20
Name ((Title: Date:	Driginal Signature): Byon Beta Repair Shop Supervisor 04/03/02	

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

	:
in/lecuien. Steamer Prol Due	4/3/03
- Model: DOSENETE 1907A Serial Ser 9808-238	
mor Model: DOSCHETER 3012 Serial Nor 201-887-7100	
rution Date: 01/02/2001	•
· · · · · · · · · · · · · · · · · · ·	•
round Rediation Level:aR.hr	
vaste Containments	
Item / Material Surveyed:	
Marial: 306 Sy. Ft. approx. gale	.03
Manifesture:	
Description: <u>Exempt</u> Waste	
Jes No	•
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Distric 1301 V Distric 1000 F Distric	V. French Dr., Hobbs, NM 88240 <u>± II</u> W. Grand Avenue, Artesia, NM 88210 <u>± III</u> Rio Brazos Road, Aztec, NM 87410	State of New Mexico Energy Minerals and Natural Resou Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	APA 2003 Submit Original Plus 1 Copy to Appropriate District Office
	REQUEST	FOR APPROVAL TO ACCEP	T SOLID, WASTE
1. R	CRA Exempt: 🔲 Non-Exem	ot: 🛛	4. Generator: BJ Services
Ve	erbal Approval Received: Ye	es 🔲 No 🖾	5. Originating Site: Yard
1	anagement Facility Destination: H	Envirotech Soil Remediation Facility,	6. Transporter: TBA
3. A. 8740	• •	U.S. Highway 64, Farmington, NM	8. State: New Mexico
1	ocation of Material (Street Address I, Farmington	or ULSTR) 3250 Southside River	Project #95026-009
9. <u>C</u> i	ircle One:	•	
А. В.	All requests for approval to accept one certificate per job. All requests for approval to accept material is not-hazardous and the approved	oilfield exempt wastes will be accompanied by non-exempt wastes must be accompanied by r Generator's certification of origin. No waste c	ecessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
A. B. <u>A</u> l	All requests for approval to accept one certificate per job. All requests for approval to accept material is not-hazardous and the approved	non-exempt wastes must be accompanied by r Generator's certification of origin. No waste c	necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
A. B. BRIEF Water broke	All requests for approval to accept one certificate per job. All requests for approval to accept material is not-hazardous and the approved Il transporters must certify the wast DESCRIPTION OF MATERIAL: contaminated with FRW-14 I down and it was sucked out.	non-exempt wastes must be accompanied by r Generator's certification of origin. No waste c es delivered are only those consigned for trans Friction Reducer. Product never made it	eccessary chemical analysis to PROVE the lassified hazardous by listing or testing will be sport.
A. B. BRIEF Water broke CWS a 4{}2	All requests for approval to accept one certificate per job. All requests for approval to accept material is not-hazardous and the approved Il transporters must certify the wast DESCRIPTION OF MATERIAL: contaminated with FRW-14 I down and it was sucked out. and MSDS attached. 2/03 20482. LF	non-exempt wastes must be accompanied by r Generator's certification of origin. No waste c es delivered are only those consigned for trans	the eccessary chemical analysis to PROVE the lassified hazardous by listing or testing will be sport. t down-hole, the truck carrying it to the site C_{908}
A. B. BRIEF Water broke CWS a 4{}2	All requests for approval to accept one certificate per job. All requests for approval to accept material is not-hazardous and the approved Il transporters must certify the wash DESCRIPTION OF MATERIAL: contaminated with FRW-14 I down and it was sucked out. and MSDS attached. 2/03 20482- UF and Volume <u>~130gal cy</u> Known	non-exempt wastes must be accompanied by r Generator's certification of origin. No waste c res delivered are only those consigned for trans Friction Reducer. Product never made it 2U5 V + 10bb Etc a Volume (to be entered by the operator at the SS	the eccessary chemical analysis to PROVE the lassified hazardous by listing or testing will be sport. t down-hole, the truck carrying it to the site C_{908}

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	(Inis space jor state ost)		- ^
	APPROVED BY: Deny Tom	TITLE: Enviro/Engr	DATE: 04/09/03
\bigcirc	APPROVED BY: Muthy 954	TITLE: Environment Geolog, St	DATE: 4/14/03

27 -	· · ·	
District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210	State of New Mexico Energy Minerals and Natural Resou	Form C-138 Revised March 17, 1999
District III 1000 Rio Brazos Road, Aztec, NM 87410 <u>5 ptrict IV</u> 20 S. St. Francis Dr., Santa Fe, NM 87505	Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Submit Original Plus 1 Copy to Appropriate District Office
REQUEST F	OR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exempt:		4. Generator: BJ Services
Verbal Approval Received: Yes	No 🖾	5. Originating Site: Yard
2. Management Facility Destination: Env Landfarm #2	irotech Soil Remediation Facility,	6. Transporter: TBA
3. Address of Facility Operator: 5796 U. 87401	S. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or Road, Farmington	ULSTR) 3250 Southside River	Project #95026-009
one certificate per job. B. All requests for approval to accept nor material is not-hazardous and the Ger approved	n-exempt wastes must be accompanied by n herator's certification of origin. No waste c	lassified hazardous by listing or testing will be
All transporters must certify the wastes of the second	lelivered are only those consigned for trans	port.

BRIEF DESCRIPTION OF MATERIAL:

Water contaminated with FRW-14 Friction Reducer. Product never made it down-hole, the truck carrying it to the site broke down and it was sucked out.

CWS and MSDS attached.

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Estimated Volume <u>~130gal</u> cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Anagement Facility Authorized Agent	TITLE: Environmental Administrative Assistant	DATE: <u>04/07/03</u>
---	---	-----------------------

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)		
PROVED 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 3250 Southside BJ Services River Road 2. Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 FAR MINGTON, New Mexico Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR): 3. Originating Site (name): 3250 Southside River Road Jarmington, nm 87401 BJ YARD attach list of originating sites as appropriate Equipment - Finiction reducer 4. Source and Description of Waste DRAINED EROM I had not yet been down ho representative for : 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) \mathbf{X} NON-EXEMPT oilfield waste which is non-hazardous by characteristic **EXEMPT** oilfield waste 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): Other (description X MSDS Information 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): Tier ILSOR

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.um.us

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FAX 632.1865



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region: USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: (TEM NUMBER : CHEMICAL DESCRIPTION:

emulsion PRODUCT USE: SUPPLIER: ADDRESS:

EMERGENCY TELEPHONE NUMBER

International PREPARED BY:

DATE PREPARED: April, 1994

FRW-14

499514, 424227, 488226 A polyacrylamide in a hydrocarbon solvent/water

Friction reducer BJ Services Company 5500 Northwest Central Dr Houston TX 77092 (800)424-9300 for CHEMTREC (202)483-7616 Alaska and

BJ Services Environmental Group (281)351-8131 August 31, 2000 Supersedes:

HMIS HAZARD INDEXHEALTH:1FLAMMABILITY:1REACTIVITY:0PERSONAL PROTECTION:g

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS#	PERCENT	HAZARD
Hydrotreated light distillate	64742-47-8	20-40	Irritant
Ethoxylated alcohol	68439-50-9	1-5	Skin irritant

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD):	>200°F (PMCC)
UPPER EXPLOSION LIMIT(% BY VOL):	N.E.
LOWER EXPLOSION LIMIT(% BY VOL):	N.E.
AUTO-IGNITION TEMPERATURE:	N.E.
EXTINGUISHING MEDIA:	Dry chemical, CO2, foam. Use water
	to cool containers exposed to fire.
	Large fires, use water spray or fog to
	thoroughly drench burning material.
SPECIAL FIRE FIGHTING PROCEDURES:	May evolve oxides of nitrogen under
	fire conditions. If the water is driven

N.E. = Not Established

N.A. = Not Applicable

MSDS for FRW-14...Page 1

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EXPLOSION DATA: HAZARDOUS COMBUSTION PRODUCTS: off, the remaining organics may be ignitable. None Oxides of nitrogen.

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Skin and eye contact

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT:
SKIN ABSORPTION:
EYE CONTACT:
INHALATION:
INGESTION:

Can cause mild short lasting irritation. Not absorbed by skin. Can cause moderate irritation Not expected to be a route of entry Can cause central nervous system depression, nausea, dizziness, vomiting or unconsciousness depending on the length of exposure and on the first aid action given.

CHRONIC OVEREXPOSURE EFFECTS: None known

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Hydrotreated light distillate	5 mg/m3 (oil mist)	N.E.
Ethoxylated alcohol	N.E.	N.E.

CARCINOGENICITY, REPRODUCTIVE EFFECTS: Not listed as carcinogen - IARC, NTP, or OSHA

TERATOGENICITY, MUTAGENICITY: No effects listed.

TOXICITY STUDIES:

LD(50) N.E. LC(50) N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES: Flush with water for 15 minutes. Call a physician.
FOR SKIN: Wash thoroughly with soap and rinse with water. Call a physician.
FOR INHALATION: Remove to fresh air. Treat symptoms. Call a physician.
FOR INGESTION: Do not induce vomiting. Give water. Call a physician. NOTE TO PHYSICIAN: No specific antidote is known. Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition.

SECTION VI - PHYSICAL DATA

N.E. = Not Established

N.A. = Not Applicable

MSDS for FRW-14...Page 2

APPEARANCE AND ODOR:Off white, opaquSPECIFIC GRAVITY:1.04-1.08 @ 75VAPOR PRESSURE:N.E.VAPOR DENSITY (air=1):N.E.EVAPORATION RATE:N.E.BOILING POINT:N.E.FREEZING POINT:N.E.SOLUBILITY IN H20:N.E.pH:7. (1% solution)

Off white, opaque liquid with hydrocarbon odor 1.04-1.08 @ 75°F N.E. N.E. N.E. N.E. N.E. N.E. N.E. N.E. N.E.

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY: INCOMPATIBLE MATERIALS: Stable

Avoid contact with strong oxidizers (chlorine, peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, permanganates) which can generate heat, fires, explosions and release of toxic fumes. Does not polymerize Carbon monoxide, carbon dioxide, oxides of nitrogen.

HAZARDOUS POLYMERIZATION: HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:

RESPIRATORY PROTECTION: PROTECTIVE GLOVES: EYE PROTECTION: OTHER PROTECTIVE EQUIPMENT: The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement. Not normally needed Rubber or neoprene Goggles Eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES: Dike or contain spill to prevent material from entering waterways. Pump large spills into salvage containers. Soak up residue or small spills with absorbent pads, clay, or dirt and place in salvage containers. WASTE DISPOSAL: If this product becomes a waste it does not meet the requirements of a RCRA

HANDLING & SPECIAL EQUIPMENT: HANDLING & SPECIAL EQUIPMENT: HANDLING & SPECIAL EQUIPMENT: HANDLING & SPECIAL EQUIPMENT: Avoid contact with eyes, skin and clothing. If clothing is contaminated, remove and thoroughly wash the affected area. Launder

N.E. = Not Established

N.A. = Not Applicable

MSDS for FRW-14...Page 3

STORAGE REQUIREMENTS:

contaminated clothing before reuse. None

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:Not DOT RegulatedHAZARD CLASS:N.A.UN/NA NUMBER:N.A.PACKING GROUP W/ "PG":N.A.SUBSIDIARY RISK:N.A.REPORTABLE QUANTITY (RQ):N.A.EMERGENCY RESPONSE GUIDE #:N.A.

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304

SECTION 311/312 SECTION 313 This product does not contain ingredients listed as an Extremely Hazardous Substance. Immediate This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:

CALIFORNIA PROP 65:

All of the components in this appear on the TSCA inventory. None of the chemicals on the current

Proposition 65 list are known to be present in this product.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Once printed, the information contained in this document is valid for a period of 45 days from its date stamp. 03/21/2003

Revision: 1

Status: Approved & Released MSDS

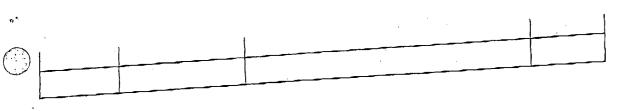
Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today
2	1	Telephone number	08/31/00
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N.A. = Not Applicable

MSDS for FRW-14...Page 4



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MSDS for FRW-14...Page 5

N.A. = Not Applicable

N.E. = Not Established

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BJS FARMINGTON

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ENVIROTECH INC.

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

RECEIVED APR 2 9 2003

20482 MANIFEST # _____

Bill of Lading

DATE 4-22-03 JOB # 95026-009

LOAD	COMPLETE DESCRIPTION OF SHIPMENT				TRANSPC	RTING	COMPAN	14		
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	B) SERVICES YARD	CommCell LIANDEARM 2	WASTER	V-7	1	10	Envirotech	908	11:30	Bie Costor
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and tha	y the material hauled from the non-additional materials have the second se			•			ame material receiv	\cap	the abov	ve mentioned Generator,
NAME	all 32. (7768) or Fax 325-9764 RARE FORM 1	Printing & Graphics FORM # 01	_ COMPANYC	•	Hurle		SIGNATU	RE <u></u>		DATE 4. 2-03

District I 1625 N. French Dr., Hobbs, NM 88240 District III 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 87505State of New Mexico Energy Minerals and Natural Resour Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	APR 2003 GIL CONTROL OF CONTROL			
REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE			
1. RCRA Exempt: 🛛 Non-Exempt: 🗌	4. Generator - Frac Water Inc.			
Verbal Approval Received: Yes 🗌 No 🖾	5. Originating Site: Yard			
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) 5204 Hallmarc, Farmington, New Mexico	Project #			
Farmington, New Mexico It officet m 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: Crude oil absorbed on activated charcoal from various portable units used all over the Rosa Unit. CWS attached.				
Estimated Volume <u>3</u> cy Known Volume (to be entered by the operator at the end of t				
SIGNATURE Management Facility Authorized Agent TITLE: Environmental	Administrative Assistant DATE: 04/07/03			
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615				
(This space for State Use) APPROVED BY: Dempteur TITLE: Enviro/Eng, DATE: 04/09/03 APPROVED BY: Augh TITLE: cpediagist DATE: 4-9-3				

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	C 7 8 9 10
BILL RICHARDSON	Lori Wrotenbery
Governor Joanna Prukop Cabinet Secretary	APR 2003 Oil Conservation Divisio
CEDTIEICAT	E OF WASTE STATUS
CERTIFICAT	E OF WASTE STATUS
1. Generator Name and Address	2. Destination Name: 286 (b)
Free Wester INC	Envirotech Inc. Soil Remediation Facility
DA R 786	Landfarm #2 Hillton Now Maying
Formington NNI8	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Min- Posa IIn	Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR): if wells Office hoestrin 5204 Hollmerc Farmington N/M 874 n activated Carbon
mise rusa am	5204 Hallmere
attach list of originating sites as appropriate	Ferminuton 1/11/874
4. Source and Description of Waste	
Oil absorbed or	n activited Cerbon
ion R So-to Rom	
LEON R. Sp. tz Pre-	
Print Name	
Print Name Free Eusker Line	s. dent representative for : do hereby certify that, according to the Resource
Print Name <u>Free Excher Luce</u> onservation and Recovery Act (RCRA) and Environmenta	s. clest representative for :
Print Name <u>Free Excher Luce</u> onservation and Recovery Act (RCRA) and Environmenta	s. dent representative for : do hereby certify that, according to the Resource
Print Name <u>Free</u> Exchen Line onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification)	do hereby certify that, according to the Resource I Protection Agency's July, 1988, regulatory determination, the above
Print Name <u>Free</u> <u>Excher</u> <u>Luce</u> onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>LEXEMPT</u> oilfield wasteNO	s. dent representative for : do hereby certify that, according to the Resource
Print Name <u>Free</u> <u>Excher</u> <u>Luce</u> onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>EXEMPT</u> oilfield wasteNO a	do hereby certify that, according to the Resource do hereby certify that, according to the Resource Il Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
Print Name <u>Free</u> <u>Excher</u> <u>Luce</u> Conservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>EXEMPT</u> oilfield wasteNO a	do hereby certify that, according to the Resource do hereby certify that, according to the Resource Il Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification
Print Name <u>Free</u> <u>Exchen</u> <u>Lucc</u> conservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>EXEMPT</u> oilfield wasteNO a nd that nothing has been added to the exempt or non-exem	<u>s de trepresentative for :</u> do hereby certify that, according to the Resource Il Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification apt non -hazardous waste defined above.
Print Name <u>Free</u> <u>Exchen</u> <u>June</u> onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>EXEMPT</u> oilfield wasteNO a nd that nothing has been added to the exempt or non-exem	<u>s de trepresentative for :</u> do hereby certify that, according to the Resource Il Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification apt non -hazardous waste defined above.
Print Name <u>Frec</u> <u>Excler</u> <u>Lucc</u> onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) EXEMPT oilfield waste <u>NO</u> a and that nothing has been added to the exempt or non-exem or NON-EXEMPT waste the following documentation is a <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u>	<u>Solution</u> representative for : <u>do hereby certify that, according to the Resource</u> I Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification <u>upt non -hazardous waste defined above.</u> attached (check appropriate items):
Print Name <u>Free</u> <u>Excher</u> <u>Luce</u> onservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) EXEMPT oilfield waste <u>NO</u> a and that nothing has been added to the exempt or non-exem pr NON-EXEMPT waste the following documentation is a MSDS Information	<u>Solent</u> representative for : <u>do hereby certify that, according to the Resource</u> I Protection Agency's July, 1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification <u>upt non -hazardous waste defined above.</u> attached (check appropriate items):
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Print Name <u>Free</u> <u>Wsher</u> <u>Luce</u> Conservation and Recovery Act (RCRA) and Environmenta escribed waste is: (Check appropriate classification) <u>VEXEMPT</u> oilfield waste <u>NO</u> a <u>nd that nothing has been added to the exempt or non-exem</u> or NON-EXEMPT waste the following documentation is a <u>MSDS Information</u> <u>RCRA Hazardous Waste Analysis</u> <u>Chain of Custody</u>	<u>S. Sect</u> do hereby certify that, according to the Resource do hereby certify that, according to the Resource Il Protection Agency's July,1988, regulatory determination, the above ON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification upt non -hazardous waste defined above. attached (check appropriate items): Other (description
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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 Resour	ces

Form C-138 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🗔	4. Generator: CDX Rockies, LLC
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: Anderson #1 (1R)
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) "M" Sec5, T32N, R6W, La Plata County	Project # 03040-001

9. <u>Circle One</u>:

- 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:

Solids, drill cuttings from installation of reserve pits.

CWS and CDX authorization attached.

cy

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

TITLE: Environmental Administrative Assistant DATE: 03/28/03 SIGNATURE ()/ Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
APPROVED BY: Dong ten TITLE: Enviro/Eigr	DATE: 3/28/03
APPROVED BY: THE geologist	DATE: <u>3-31-03</u>



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

 Generator Name and Address CDX Rockies, LLC 679 East 2nd Ave, Ste 3 Durango, CO 81301 	 Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
 3. Originating Site (name): Lc Anderson #1 (1R) Well Name – SWSW Section 5 T32N R6W attach list of originating sites as appropriate 	cation of the Waste (Street address &/or ULSTR): / LaPlata County, Colorado
4. Source and Description of Waste	
Solids, drill cuttings from installatin of reserve pits	

I, Bradford C. Boyce representative for : CDX Rockies, 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)

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): •Other (description

MSDS Information

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):_	Bro	1 Berl	1

Title: **Division Manager**

Date: March 25, 2003 .FROM :OSO/CDX ROCKIES

FAX NO. :970-247-1047

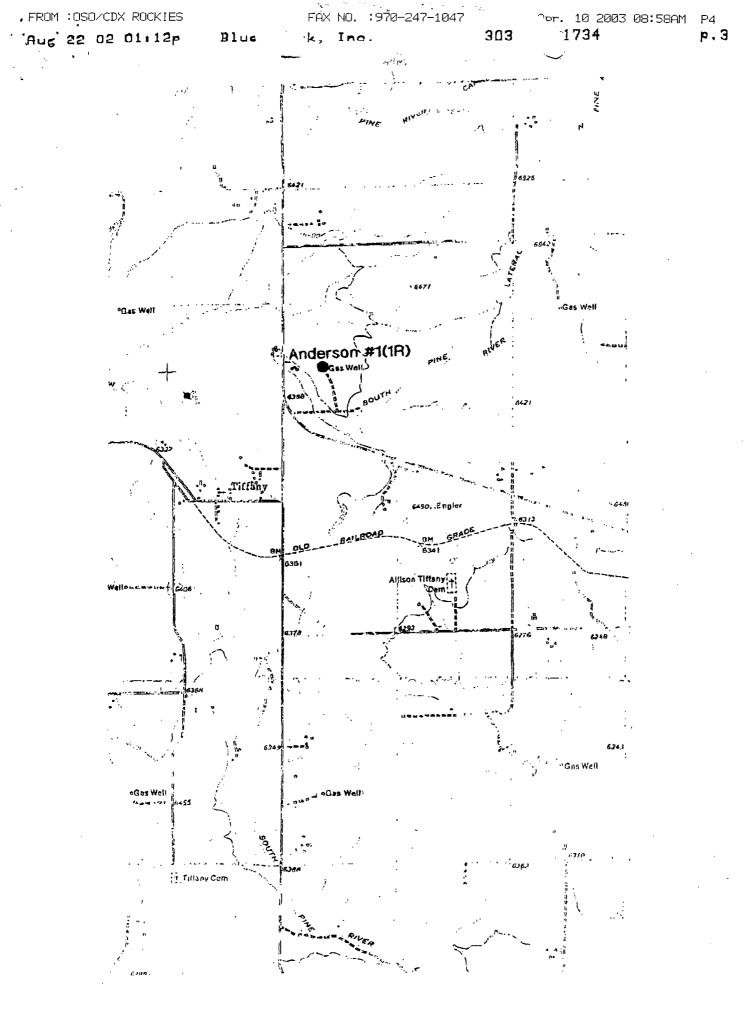
29,00

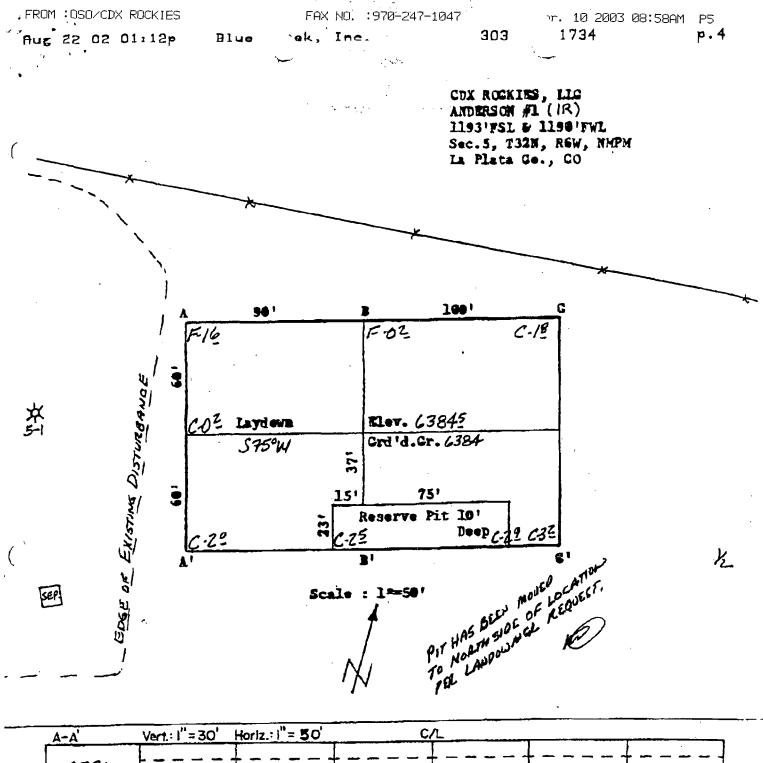
August 22, 2002

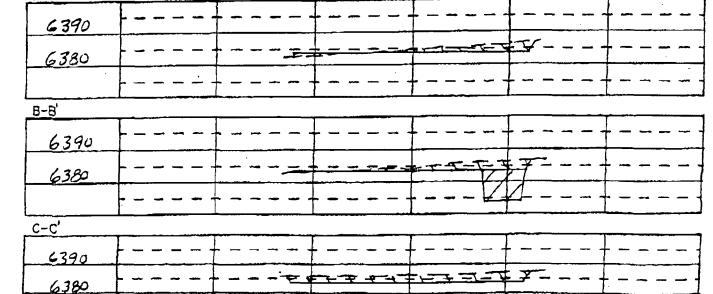
CDX ROCKIES, LLC ANDERSON #1 (1R) (API # 05-067-08746) SWSW SECTION 5 T32N R6W NMPM LINED DRILLING PIT PERMIT APPROVAL CONDITIONS OF APPROVAL

- 1. Refer to this pit by facility number 264539 on all future correspondence
- 2. A Form 27 must be submitted for prior approval when this pit is closed and reclaimed.
- 3. The pit liner must be removed and disposed in accordance with COGCC Rule 905.b.(3).A
- 4. Manifests documenting the disposal of both the liner and the drilling mud must be submitted to the COGCC.
- 5. Submit original topographic map
- 6. Submit a detailed description of your mud program

Aug 22 02 01:11p Blue k, Inc.				
HUE ZE DE DI TIP DIGE R, THO.	303	773	4	p.2
State of Colorado	A Col	atten T	FOR DECC USE (JHLY
(10) Oil and Gas Conservation Commi	SSION			
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100	Fax: (303) 894-2109			
EARTHEN PIT REPORT/PE				
(This form is to be used for both reporting and permitting pits	Rule 903 describes wi	ien ·		
a Permit with prior approval, or a Report within 30 days, is re	equired for pits. Submit	1	5	· .,
required attachments and forms.			Attachmen	to the
FORM SUBMITTE	D FOR:		Attachmen	t Checklint
	Pit Permit			Oper DOCC
			Datailed Site Phin Tapo Mup with Pit Location	+
OGCC Operator Number:14700	Contact Name and Telephor Al Artian	8	Water Analysis (Form 25)	the state of the s
Name of Operator:CDX Rockies, LLC			Saura Wells (Form 28)	
	No: 303-292-4051		Pit Design Plan & Cross Sect.	
Address: 679 East 2 nd Avenue, Suite #3	Fax: 303-292-1734	· <u> </u>	South be Area Dynamiastics	
City: Durango State: CO Zp: 81301	Email: sarlian@eazy	net	Mad Program Form 2A	
			Form 2A	
API Number (of associated well): 05-067-08748 OGC	Facility ID (of other associate DRIM IN MID M	nd facility):		
Pit Location (OtrQir, Sec, Twp. Rng. Maridian): SWSW Sec. 5, T32N,	(a Diata			
Latitude: Longitude: (County: La Fiala		•	
Pit User: Production 🖾 Orifling (Attach mud program) 🗌 Special P			· · · · · · · · · · · · · · · · · · ·	
Pit Typa: 🔀 Lined 🔲 Unlined Surface Discharge Permit:	Yes KA No			
Offsite disposal of pit contents: Injection I Commercial Pit/Facility		· · · · · · · · · · · · · · · · · · ·	IVFacility No.:	~
Attach Form 26 to identify Source Wells and Form 25 to provide Produc	ed Water Analysis results.			
Fristing Sit	e Conditions			
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	ata used for determination. 100'	ls:1,000	,	1
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LAND USE (or attach copy of Form 2A if previously submitted for assor				
Crop Land: Imgated Dry Land Improved F			F	1
SOILS (or attach copy of Form 2A If previously submitted for associate				
Cill Clay Loom	plax/Series No:		15	20
Soils Series Name: Sill Clay Loam Horizon thick	ness (In inches): A; 7	; B:	15 ; C:	20
Soils Series Name: Sill Clay Loam Horizon thick Soils Series Name: Horizon thick	plax/Series No:	; B: ; B:	15 ; C: ; C:	20
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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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🛄	4. Generator: CDX Rockies, LLC
Verbal Approval Received: Yes 🗋 No 🖾	5. Originating Site: Thuringer #1-5
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) "M" Sec5, T32N, R6W, La Plata County	Project # 03040-001

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:

Solids, drill cuttings from installation of reserve pits.

CWS and CDX authorization attached.



Estimated Volumecy	Known Volume (to be entered by the operator at the end of the haul)	<u>236 cy</u>
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60 SIGNATURE 3 aste Management Facility

TITLE: Environmental Administrative Assistant DATE: 03/28/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

APPROVED BY DEMY FRONT TITLE: Enviro/Engr DATE: 3/28/02	(This space for State Use)		
1-1411 an illerit		TITLE EN LIZES/ENSL	DATE 3/28/02
ADDROVED BY: $X = V / X + V = TITIE = (// \partial A / A / A / A / A / A / A / A / A / A $		an ilacit	T
APPROVED BI IIILE UCCOVD / ·· DAIL	APPROVED BY:	TITLE: <u><i>Clotogis</i></u>	DATE: 3-31/-03



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenberv Director **Oil Conservation Division**

CERTIFICATE OF WASTE STATUS

 Generator Name and Address CDX Rockies, LLC 679 East 2nd Ave, Ste 3 Durango, CO 81301 	 Destination Name: Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Thuringer #1-5 Well Name - SWSW Section	1 5 T32N R6W LaPlata County, Colorado
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Solids, drill cuttings from installatin of reserve	e pits

I, Bradford C. Boyce representative for : CDX Rockies, 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)

X **EXEMPT** oilfield waste

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

970-247-4126

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): Other (description

MSDS Information

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.

Title: **Division Manager**

Name (Original Signature):

March 25, 2003 Date:

+ FROM : OSO/CDX ROCKIES

FAX NO. :970-247-1047

Mar. 21 2003 12:24PM P3

CL , ROCKIES, LLC

Penrose #1RX Well W/2 8-T32N-R6W La Plata County, Colorado

Pit Calculations:

Pit Volume: 125 ft. x 20 ft. x 10 ft. = 25,000 ft. ³ (25,000 ft.³) / (5.6145 bbls./ft.³) = 4,452.76 bbls.

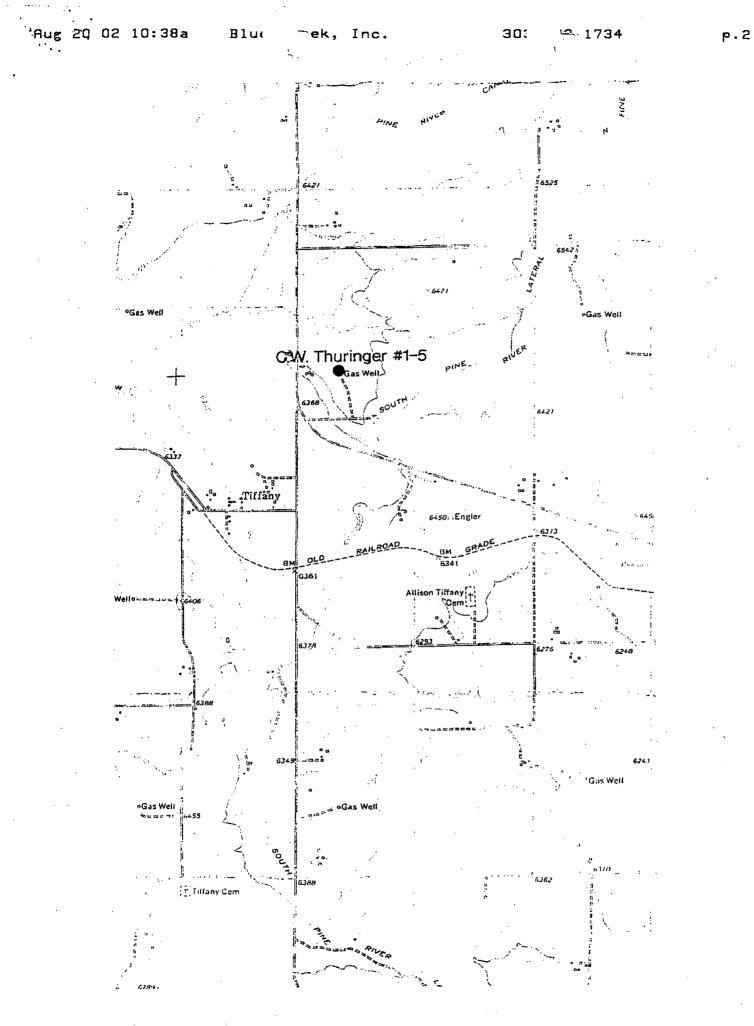
Drilling muds will be disposed of by:

Basin Disposal, Inc. P.O. Box 100 Aztec, NM 87410 (P) (505)632-8936

Any Solids from drilling mud will be handled by:

Envirotech, Inc. 5796 U.S. Highway 64 Farmington, NM 87401 (P) (505)632-0615

Location is a Sensitive Area due to the amount of Chloride (>250 ppm) in the drilling mud being used.



August 22, 2002

CDX ROCKIES, LLC C.W. THURINGER #1-5 (API # 05-067-05160) SWSW SECTION 5 T32N R6W NMPM LINED DRILLING PIT PERMIT APPROVAL CONDITIONS OF APPROVAL

- 1. Refer to this pit by facility number 264538 on all future correspondence
- 2. A Form 27 must be submitted for prior approval when this pit is closed and reclaimed.
- 3. The pit liner must be removed and disposed in accordance with COGCC Rule 905.B.(3).A
- 4. Manifests documenting the disposal of both the liner and the drilling mud must be submitted to the COGCC.
- 5. Submit original topographic map
- 6. Submit a detailed description of your mud program

FROM :050/CDX ROCKIES FAX NO. :9	70-247-1047 Jug Rr. 2	1 2003 12:27PM P15
State of Colorado 15 Rev 879 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 884-2100		FOR GACE USE ONLY
EARTHEN PIT REPORT/PE	RMIT	BALDWIN
This form is to be used for both reporting and permitting pits		-pom: JAmes Lewis
a Permit with prior approval, or a Report within 30 days, is re required attachments and forms.	equired for pits. Submit	
FORM SUBMITTE	D FOR:	Complete the Attachment Checklist
Pit Report	8 Pit Permit	Databilid Site Plan
OGCC Operator Number:14700	Contact Name and Talephone Al Artian	Topo Map with Prelocation V Wester Analysis (Form 20)
Name of Operator: CDX Rockies, LLC	No: 303-292-4051	Strange Wells (Form 28 7% Decland Creep Ser.
Address: 679 East 2 nd Avenue, Suite #3	Fex 303-292-1734	Batter Calculutions
City: Durango State: CO Zip: 81301	Emai: aarllan@eazy.net	Fana 2A
API Number (of associated well): 05-067-05160 OGCC	C Facility ID (of other associated facility):	
Pit Location (QtrQtr, Sec, Twp, Rng, Merkdian): SWSW Sec. 5, T32N, I	R6W, N.M.P.M.	
Latitude: Longitude: C	county: La Plata	
Pit Use: Production A Drilling (Attach mus program) [] Special P Pit Type: X Lined I Unlined Surface Discharge Permit:		·
Offsite disposal of pit contents: Injection Commercial Pit/Facility I		Pil/Facility No.:
Attach Form 28 to Identify Source Wells and Form 25 to provide Produce	ed Water Analysis results.	
Existing Site	e Conditions	
	iata used for determination.	
Distance (in feet) to nearest surface water. 100' ground water.		<u>10'</u>
LAND USE (or attach copy of Form 2A if previously submitted for assoc		
Crop Land: X Infigated Dry Land Improved P		RP clover & timothy
Non-Crop Land: Rangeland Timber Recreations Subdivided: Industrial Commercial Residential	ai Other (describe);	
SOILS (or attach copy of Form 2A if previously submitted for associated	d well)	
	plax/Sarias No:	
	ness (in inches): A: 7 ; B:	,
· · · · · ·	ness (In Inches): A: ; B:	; C;
Attach detailed site plan and topo map with pit location. Pit Design and	Construction	
	pth: 10'	
Calculated pit volume (bbis): 3,072 bbis Daily inflow rate (bbis/day)		
Oaily disposal rates (attach calculations): Evaporation NA bbis/day	Ω	
	hickness: <u>12 mil</u>	
Attach description of proposed design and construction (include skatche		
Method of treatment of produced water prior to discharge into pit (separator, he	eater treater, other):N/A	
ls pit fenced? X Yes No Is pit netted? Yes No)	· · · · · · · · · · · · · · · · · · ·
I hereby certify that the statements made in this form are, to the	e best of my knowledge, true, con	ect, and complete.
Print Name: Alvin R. ("Al") Arlian		
Signed:Title:_Rock	v Mountain Land Manager Da	te:
OGCC Approved: Debuce Baldun . T	He: Enviro Supervisor	Date: 8 22 02
CONDITIONS OF APPROVAL. IF ANY:	Facility Number:	264538
SEE ATTACHED	LETTER I	
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🛄	4. Generator: CDX Rockies, LLC
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: Penrose 1RX
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) "M" Sec8, T32N, R6W, La Plata County	Project # 03040-001

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:

Solids, drill cuttings from installation of reserve pits.

CWS and CDX authorization attached.



Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) $\frac{\delta_a}{\delta_a}$

822c

TITLE: Environmental Administrative Assistant 0. DATE: 03/28/03 SIGNATURE(Waste Management Fachity Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
	Viro/Engt DATE: 3/28/03
APPROVED BY:	<u>COLOGIS</u> DATE: <u>5</u> 07 5



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop **Cabinet Secretary**

Lori Wrotenberv Director **Oil Conservation Division**

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3. Originating Site (name): Lo	cation of the Waste (Street address &/or ULSTR):
Penrose 1RX Well Name – SWSW Section 8 T32N R6W LaP	lata County, Colorado
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Solids, drill cuttings from installatin of reserve pits	

I, Bradford C. Boyce representative for : CDX Rockies, 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)

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): Other (description

MSDS Information

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):_	K	-104	R L) or	Ċ
					C

Title: **Division Manager**

Date: March 25, 2003 FAX NO. :970-247-1047

Mar. 21 2003 12:24PM P3

CL ROCKIES, LLC

Penrose #1RX Well W/2 8-T32N-R6W La Plata County, Colorado

Pit Calculations:

Pit Volume: 125 ft. x 20 ft. x 10 ft. = 25,000 ft. ³ (25,000 ft.³) / (5.6145 bbls./ft.³) = 4,452.76 bbls.

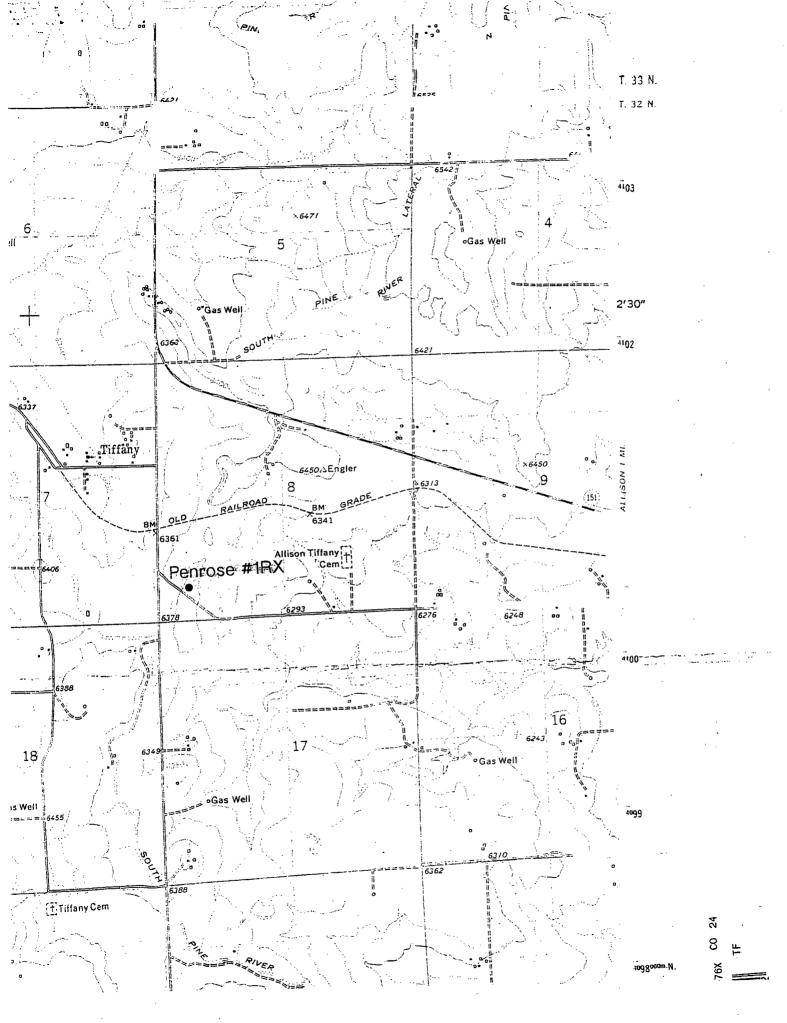
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Location is a Sensitive Area due to the amount of Chloride (>250 ppm) in the drilling mud being used.



RUCKIES FAX NO. :	970-247-1047 Mar.	21 2003 12:12 DM DO
50m State of Fold		21 2003 12 P2
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 884-210	INNEAT I	RECEIVED
EARTHEN PIT REPORT/PE	ERMIT	
This form is to be used for both reporting and permitting pi	ts. Rule 903 describes when	AUG 27 02
a Permit with prior approval, or a Report within 30 days, is required attachments and forms.	required for pits. Submit	CUGCL
FORM SUBMITT		Complete the Attachment Checklis
□ Pit Report	I Pit Permit	Oper OGC
DGCC Operator Number:14700	Contact Name and Telephone	Tapo Map with Fit Location
Varie of Operator: CDX Rockies, LLC	Al Arlian	Warner Analysis (Form 23) Source Worlds (Form 28)
Address: 679 East 2 nd Avenue, Suite #3	- No: <u>303-292-4051</u> Fax: 303-292-1734	Pt Design/Pier & Creat Rest.
	Email aarlian@eazy.net	Bunidia Are Ortamization
تاب: <u>Durango</u> State: <u>CO</u> Zpr. 81301		Finni 24
PI Number (of associated well):O5-067-08699 OG It Location (QtrQtr, Sec, Twp, Rng, Merician): SWSW Sec. 8, T32N	CC Facility ID (of other associated facility L R6W, N.M.P.M.):
alifude: Longitude:	County: La Plata	 ,
it Use: Production Drilling (Attach mud program) Special	,	
fit Type: 🔀 Lined 🔲 Unlined Surface Discharge Permit: [Yes 🛛 No	
fisite disposal of pit contents: 🛄 Injection 🕅 Commercial PitrFacilit		PI/Fadility No.:
ttach Form 26 to Identify Source Wells and Form 26 to provide Produ	uced Water Analysis results.	
Punose IRX Existing Si	ite Conditions	······································
	t data used for determination.	
latance (in feet) to nearest surface water. 20* ground wate		100'
	_	
op Land: 🗌 Imigated 🛛 Dry Land 🔲 Improved	i Pesture 🔲 Hay Meadow 🗌	escribes land use:] CRP
pp Land: Imigated Dry Land Improved n-Crop Land: Rangeland Recreatio	d Pasture 🔲 Hay Meadow 🧲 unal 🗌 Other (describe):	
op Land:	d Pasture 🔲 Hay Meadow 🧲 onsi 🗌 Other (describe): al	
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Drilling Mud Program

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FAX: (303) 894-2109



DEPARTMENT OF NATURAL RESOURCES Bill Owens, Governor 1120 Lincoln St., Suite 801 Denver, CO 80203 Phone: (303) 894-2100

November 6, 2002

CDX ROCKIES, LLC PENROSE #1RX (API # 05-067-08699) SWSW SECTION 8 T32N R6W NMPM LINED DRILLING PIT PERMIT APPROVAL CONDITIONS OF APPROVAL

- 1. Refer to this pit by facility number 265128 on all future correspondence
- 2. A Form 27 must be submitted for prior approval when this pit is closed and reclaimed.
- 3. The pit liner must be removed and disposed in accordance with COGCC Rule 905.b.(3).A
- 4. Paperwork that documents the disposal of both the liner and the drilling mud must be submitted to the COGCC.

DEPARTMENT OF NATURAL RESCURCES; Grag E, Walcher, Executive Director COGCC COMMISSION; Tom Ann Casey - Brisin Croe - Microsel Kilsh - Preer Mueller - J. Thomas Reegen - Lynn Shook - Stephen Sennenberg CCGCC STAFF: Richard T, Griebling, Director - Brian J. Marka, Deputy Director - Morris Sell, Operations Manager Pathola C, Beaver, Nearings Managar - Thomas J. Kerr, Information Manager

District [1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Azzec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resou Oil Conservation Division 1220 South St. Francis Dr.	rces RECEIVED Form C-138 Revised March 17, 1999 MAR 2 7 2003 Environmental Bureau District Office				
	Santa Fe, NM 87505	Oil Conservation Division				
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE				
1. RCRA Exempt: 🗋 Non-Exempt: 🛛	4. Generator: Conoco Phillips					
Verbal Approval Received: Yes] No 🛛	5. Originating Site: SJ 31-6 #206				
2. Management Facility Destination: Enviro Landfarm #2	otech Soil Remediation Facility,	6. Transporter: TBA				
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico				
7. Location of Material (Street Address or UI Rio Arriba County	LSTR) "N" Sec4, T30N, R6W,	Project #96052-026				
one certificate per job. B. All requests for approval to accept non-on- material is not-hazardous and the General approved All transporters must certify the wastes def BRIEF DESCRIPTION OF MATERIAL: Soil contaminated with Mobil Pegasus S CWS, MSDS, and TCLP Metals attache	exempt wastes must be accompanied by n rator's certification of origin. No waste c livered are only those consigned for trans pecial 15W-40 from a compressor	sport. spillage. MAR 2003 MAR 2003 MAR 2003 MAR 2003 MAR 2003				
SIGNATURE Waste Management Fability Authorized		Administrative Assistant DATE: 03/25/03				
(This space for State Use) APPROVED BY: Derry 70 APPROVED BY: Manager M	- TITLE: Envire	DATE: 3/25/03 ht 6 cologist DATE: 3/27/03				

District I 4.1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210	State of New Mexico Energy Minerals and Natural Resou	Form C-138 Revised March 17, 1999
District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Submit Original Plus 1 Copy to Appropriate District Office
REQUEST FOI	R APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exempt: 🖂] .	4. Generator: Conoco Phillips
Verbal Approval Received: Yes	No 🖾	5. Originating Site: SJ 31-6 #206
2. Management Facility Destination: Enviro Landfarm #2	stech Soil Remediation Facility,	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UL Rio Arriba County	STR) "N" Sec4, T30N, R6W,	Project #96052-026
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to accept non-e.	xempt wastes must be accompanied by n	y a certification of waste from the Generator; necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
All transporters must certify the wastes del	vered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:		ATS 26 27 30
Soil contaminated with Mobil Pegasus Sr	pecial 15W-40 from a compressor	spillage. MAR 2003
CWS, MSDS, and TCLP Metals attached	l.	RE HOUSEVED N

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Estimated Volume 6 cy	Known Volume (to be entered by the operator at the end of the haul) _	cy
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Vaste Management Fasility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 03/25/03 SIGNATUR ر

TYPE OR PRINT NAME: Landrea Jackson TELEPH	ONE NO: <u>(505) 632-0615</u>
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(This space for State Use)	ng Joint	TITLE Envro	Engr DATT	s 3/25/03
APPROVED BY:	1	TITLE:		3:



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NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178 Fax (505)334-6170

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
Conuco Phillips 5525 Hury, Led-WBU 3004	Envirotech Soil Remediation Facility
5525 HWY. Ley-WBY 3004	Landfarm #2
Farminaton wm 87401	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
5-31-6 #206	
""Section 4, Twn 30N, 1	ZnG GW
Attach list of originating sites as appropriate 4. Source and Description of Waste	
	·
Compressor Spillage	
Mobil Pegasus specia	15W-40
1, <u>Robert A. Wirta</u> (Print Nama)	INCMrepresentative for:
(on pco Phillips Compa	(1) de berehu entification
according to the Besource Conservation and Becover	do hereby certify that, y Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	
	IPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or not	n-exempt non-hazardous waste defined above.
	· · · · · · · · · · · · · · · · · · ·
For NON-EXEMPT waste the following documenta	
MSDS Information RCRA Hazardous Waste Analysis	Y Other (description):
\sim RCKA Hazardous Waste Analysis \sim Chain of Custody	TCLP 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):	RAWMANEN
Title: Shenn Supernson)
Date: $2/3/03$	

605840-00 MOBIL PEGASUS SPECIAL 15W-40 MATERIAL SAFETY DATA BULLETIN _____ 1. PRODUCT AND COMPANY IDENTIFICATION _____ PRODUCT NAME: MOBIL PEGASUS SPECIAL 15W-40 SUPPLIER: MOBIL OIL CORP. NORTH AMERICA MARKETING AND REFINING 3225 GALLOWS RD. FAIRFAX, VA 22037 24 - Hour Emergency (call collect): 609-737-4411 Product and MSDS Information: 800-662-4525 856-224-4644 800-424-9300 CHEMTREC: 202-483-7616 2. COMPOSITION/INFORMATION ON INGREDIENTS ______ CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES INGREDIENTS CONSIDERED HAZARDOUS TO HEALTH: This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients. See Section 15 for European Label Information. See Section 8 for exposure limits (if applicable). _____ 3. HAZARDS IDENTIFICATION US OSHA HAZARD COMMUNICATION STANDARD: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous. EFFECTS OF OVEREXPOSURE: No significant effects expected. EMERGENCY RESPONSE DATA: Dark Amber Liquid. DOT ERG No. - NA 4. FIRST AID MEASURES EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician. SKIN CONTACT: Wash contact areas with soap and water. INHALATION: Not expected to be a problem. INGESTION: Not expected to be a problem. However, if greater than 1/2 liter (pint) ingested, seek medical attention. 5. FIRE-FIGHTING MEASURES EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

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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

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be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus. UNUSUAL FIRE AND EXPLOSION HAZARDS: None. Flash Point C(F): > 200(392) (ASTM D-92). Flammable limits - LEL: NA, UEL: NA. NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides. Elemental oxides.

6. ACCIDENTAL RELEASE MEASURES

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

.

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation. RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation. EYE PROTECTION: Normal industrial eye protection practices should be employed. SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed. EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits. However, a exposure limit of 5.00 mg/m3 is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

COLOR: Dark Amber ODOR: Mild ODOR THRESHOLD-ppm: NE pH: NA BOILING POINT C(F): > 316(600) MELTING POINT C(F): NA FLASH POINT C(F): > 200(392) (ASTM D-92) FLAMMABILITY: NE AUTO FLAMMABILITY: NE 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: 0.875 SOLUBILITY IN WATER: Negligible PARTITION COEFFICIENT: > 3.5 VISCOSITY AT 40 C, cSt: 103.0 VISCOSITY AT 100 C, cSt: 13.7 POUR POINT C(F): < -33(-28) FREEZING POINT C(F): NE VOC: < 5.00 (Wt. %); 0.358 lbs/gal 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. INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Metal oxides. Elemental oxides. HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components. DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components. INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components. EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---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: The acute toxicological results summarized above are based on testing of representative Mobil products. Representative Mobil formulations have shown no acute effects, administered via the inhalation route, when tested at maximum attainable oil mist or vapor concentrations. ---SUBCHRONIC TOXICOLOGY (SUMMARY)---Representative Mobil formulations have been tested at the Mobil Environmental and Health Sciences Laboratory by dermal

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applications to rats 5 days/week for 90 days at doses significantly higher than those expected during normal industrial exposure. Extensive evaluations, including microscopic examination of internal organs and clinical chemistry of body fluids, showed no adverse effects.

---REPRODUCTIVE TOXICOLOGY (SUMMARY)---Dermal exposure of pregnant rats to representative formulations did not cause adverse effects in either the mothers or their offspring.

---CHRONIC TOXICOLOGY (SUMMARY)---The base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as the Mobil Modified Ames Test and IP-346.

---SENSITIZATION (SUMMARY)---Representative Mobil formulations have not caused skin sensitization in guinea pigs.

---OTHER TOXICOLOGY DATA---

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

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: This product is expected to be inherently biodegradable. There is no evidence to suggest bioaccumulation will occur. It is not expected to be toxic to aquatic organisms. Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at 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 and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORT INFORMATION

http://www.msdssolutions.com/doc-magrit/000000267/0000233219.html

USA DOT: NOT REGULATED BY USA DOT. RID/ADR: NOT REGULATED BY RID/ADR. IMO: NOT REGULATED BY IMO. IATA: NOT REGULATED BY IATA.

15. REGULATORY INFORMATION

1

Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, MITI, and DSL. EU Labeling: EU labeling not required. U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES". SARA (311/312) REPORTABLE HAZARD CATEGORIES: None. This product contains no chemicals reportable under SARA (313) toxic release program. The following product ingredients are cited on the lists below: CHEMICAL NAME CAS NUMBER LIST CITATIONS _____ _____
 1330-20-7
 22

 7440-66-6
 22

 68649-42-3
 22
 XYLENES (0.01%) ZINC (ELEMENTAL ANALYSIS) (0.02%) PHOSPHORODITHOIC ACID, O, O-DI 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

 2=ACGIH A1 24=NJ RTK 25=PA RTK 5=NTP SUS 10=OSHA Z 15=TSCA 12b 20=IL RTK 26=RI RTK Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive **16. OTHER INFORMATION** _____ USE: NATURAL GAS ENGINE OIL NOTE: MOBIL PRODUCTS ARE NOT FORMULATED TO CONTAIN PCBS. Please call the Customer Response Center on 800-662-4525 for formulation disclosure. For Internal Use Only: MHC: 1* 1* 0* 1* 1*, MPPEC: A, TRN: 605840-00, CMCS97: 971867, REQ: US - MARKETING, SAFE USE: EHS Approval Date: 27MAR2000 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 THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending any license under valid patents. Appropiate warnings and safe handling procedures should be provided to handlers and users. Use or retransmission of the information contained herein in any other format than the format as presented is strictly prohibited. Mobil neither represents nor warrants that the format, content or product formulas

Page 6 of 6

CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location				<u>_</u>			RAMETERS			
Conscor nillig	as Cori	21 Pary	313	1-6#	206								
Sampler:	$\langle \cap \rangle$	20	Client No.				srs 1/ s	N			Ren	narks	
J-LM2)	ļ.p	9605	2-0		No. of	Containers TC-25 ThE-FA15						
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	Z	Containe Triz F				· · ·		
	· · ·	<u> </u>	011611		1		X		 		<u></u>		
Soil Comp	2/20/03	17.90	24911		Spil	/			 				
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						632-0615				Cool - Ice/Blu	ue Ice		

10653

Hall Environmental Analysis Laboratory

Date: 18-Mar-03

CLIENT: L:1b Order: Project: Lab ID:	Envirotech 0303049 Conoco/Phillips 0303049-01	Client Sample ID: 24911/Soil Comp Collection Date: 2/20/2003 5:30:00 PM Matrix: EXTRACT					
Analyses		Result	Limit	Qual Units		DF	Date Analyzed
MERCURY, TO	LP LEACHED		0.00			40	Analyst: MAP
Mercury		ND	0.20	mg/L		10	3/14/2003
EPA METHOD	5010C: TCLP METALS						Analyst: NMO
Arsenic		ND	5.0	mg/L		1	3/13/2003 8:54:26 AM
Barlum		ND	100	mg/L		1	3/13/2003 8:54:26 AM
Cadmlum		ND	1.0	mg/L		1	3/13/2003 8:54:26 AM
Chromium		ND	5.0	mg/L		1	3/13/2003 8:54:26 AM
Lead		ND	5.0	mg/L		1	3/13/2003 8:54:26 AM
Selenium		ND	1.0	mg/∟		1	3/13/2003 8:54:26 AM
Sliver		ND	5,0	mg/L		1	3/13/2003 9:33:30 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

- J Analyte detected below quantitation limits
- B Analyte detected in the associated Method Blank
- * Value exceeds Maximum Contaminant Level
- S Spike Recovery outside accepted recovery limits
- R RPD outside accepted recovery limits
- E Value above quantitation range

Gent Full Construction Registion Gent Full Construction Con					A.			۰.	ι.	1	ı '	l	L N I	1	ייבן	<u> סב</u>	[]	1	[2	}	Q	6	
-OF-CUSIODY RECORD Project Hare Project	Oale:												20/03	Date	¥X ۲	hone #:			-11	ldress:			HAIN	
Project Name: Project													17!30	Time	50	वद)			CV W	579			-0F-(
Project Name: Project	_												Digestu	Malrix	L_`	F		Ľ	of a			indert	OISA:	
Bigetwey By: Standard Standard Bigetwey By: Standar	ished By: (Signa												1	Sample	23 - 184	32-0615			2.20	s Hus		n thr	DY RECO	
A::::::::::::::::::::::::::::::::::::	lure)												Soil	I.D. No.	1								Ř	
A::::::::::::::::::::::::::::::::::::	Heat												50 ml	Number/Volur	Samples Cold	Sampler. F	しのう	Project Manag			Cons	Project Name:		
A37/03 BTEX + MTBE + TMB'S (8021) BTEX + MTBE + TMB'S (8021) BTEX + MTBE + TPH (Gasoline Only) TPH Method 8015B MOD (Gas/Diesel) Volatiles Full List (8021) EDB (Method 504.1) EDC (Method 6021) B310 (PNA or PAH) Cations (Na, K, Ca, Mg) Antorns (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) B081 Pesticides / PCB's (8082) B260 (VOA) B270 (Semi-VOA)	Einged By:	A		 		<u> </u>								F	UT,	3	Ū ⊅	ler:	1603		co/ (
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All Environmental company Bemarks: Bemarks: </td <td>Restined By: (Signature)</td> <td></td> <td>6</td> <td>8</td> <td></td> <td></td> <td>3</td> <td>I</td> <td></td> <td></td> <td>lips</td> <td></td> <td></td> <td></td>	Restined By: (Signature)												6	8			3	I			lips			
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- Air Bubbles or Her TCe (Y or N)	· Ś									<u> </u>						-							IBOR	
Air Bubbles or Her Tree (Y or N)	-d									 								·					ATOF	٠
	•						<u> </u>		+				4	Air Bubble	es or l	le	∩се (`	YorN	1)	e tra			· 7	

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 Resour Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	RECEIVED Form C-138 Revised March 17, 1999 MAR 2 7 2003 Environmental Bureau Otl Conservation Division							
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE									
1. RCRA Exempt: 🗌 Non-Exempt: 🔀	1	4. Generator: Western Gas Resources							
Verbal Approval Received: Yes 🗌	No 🖾	5. Originating Site: Four Corners Compressor Station							
2. Management Facility Destination: Enviro Landfarm #2	otech Soil Remediation Facility,	6. Transporter: TBA							
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: Utah to New Mexico							
7. Location of Material (Street Address or UI in Alkali Canyon. SE/4, Sec 19, T38S, J		Project #92187-002							
9. <u>Circle One</u> :									
 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 del	ivered are only those consigned for trans	port.							
BRIEF DESCRIPTION OF MATERIAL:									

Lube oil contaminated gravel and dirt from compressor station. This waste stream was previously approved in 2526272 November of 2002 but was never received.

MAR 2003

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DIST. 3

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CWS and October 2002 analytical attached.

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

. .

SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant	DATE: <u>03/24/03</u>
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	02270 <u>.</u>
(This space for State Use) APPROVED BY: Derftent TITLE: Environmental Geologist DATE: APPROVED BY: Mantion 24. TITLE: Environmental Geologist DATE:	<u>3/25/03</u> <u>3/27/03</u>

District I 1625 M: French Dr., Hobbs, NM 88240 <u>District II</u> .1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u>

1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🔲 Non-Exempt: 🔀	4. Generator: Western Gas Resources
Verbal Approval Received: Yes 🗌 No 🖾	5. Originating Site: Four Corners 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: Utah to New Mexico
7. Location of Material (Street Address or ULSTR) 17 Mi. E of Blanding Utah in Alkali Canyon. SE/4, Sec 19, T38S, R24E, SJC, Utah	Project #92187-002

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:

Lube oil contaminated gravel and dirt from compressor station. This waste stream was previously approved in November of 2002 but was never received.

CWS and October 2002 analytical attached.



су

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

SIGNATURE Management Facility-Authorized Agent	TITLE: Environmental Administrative Assistant	DATE: <u>03/24/03</u>
--	---	-----------------------

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
	as 1- 1a
APPROVED BY: Dent Term TITLE In NofEngl	DATE: $O3/24/(B)$
APPROVED BY:	DÂTE:



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:
Western Gas Resources	Envirotech Inc. Soil Remediation Facility
P.O. Box 70 99 Rd 6500	Landfarm #2
Kirtland, New Mexico 87417	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR);
Four Corners Compressor Station	
17 Miles East of Blanding, Utah, in Alkali Car	nyon
SE/4, Sec 19, T38S, R24E, San Juan County,	•
attach list of originating sites as appropriate	
4. Source and Description of Waste	
Lube oil contaminated gravel and dirt from co	ompressor station.
1, Arlyn Thorson	ropresontative for :
Print Name	
classification)EXEMPT oilfield wasteNO	N-EXEMPT offield waste which is non-hazardous by characteristic lysis or by product identification
and that nothing has been added to the exempt or non-exempt	nonhazardous waste defined abovo.
For NON-EXEMPT waste the following documentation is atta	ached (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 Natura NMAC 3.1 subpart 1403.C and D.	ally Occurring Radioactive Material (NORM) pursuant to 20
ANTAC 5.1 Subpart 140.00 And 12.	
Nome (Original Signature):	
THIOS Field SupERVISON	
Date: 3/24/03	
Oil Conservation Division * 10	

10:08 No.002 P.02 MAR 18'03

WESTERN GAS RESOURCES ID:15055986210 PRACHICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

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	•			
Client:	Western Gas Resources	Project #:	92187-001	
Sample ID:	Grab	Date Reported:	10-11-02	
Laboratory Number:	23991	Date Sampled;	10-10-02	
Chain of Custody:	10328	Date Received:	10-10-02	
Sample Matrix:	Soll	Date Analyzed:	10-11-02	
Preservative:	Cool	Date Digested:	10-10-02	
Condition:	Cool & Inlact	Analysis Needed:	RCRA Metals	
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	Regulatory Level (mg/Kg)	
Arsenic	0.006	0.001	5.0	
Barlum	1.21	0.001	100	
Cadmlum	0.001	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	0.002	0.001	1.0	
Silver	ND	0.001	5.0	

ND - Parameter not detected at the stated detection limit.

Method 3050B, Acid Digestion of Sediments, Sludges and Solls. Roferences: SW-846, USEPA, December 1996. Method 6010B, Analysis of Metals by Inductively Coupled Plasma Atomic Emmiston Spectroscopy, SW-846, USEPA, December 1996. Regulatory Limits based on 40 CFR part 261 subpart C Note: section 261.24, August 24, 1998. 4 Corners Comp. Station. Comments:

Analyst

Revlew

MAR 18'03 10:08 No.002 P.03

WESTERN GAS RESOURCES ID:15055986210 PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS **Quality Control / Quality Assurance Report**

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• , ,

Client:		QA/QC		Project #:			N/A
Sample ID:		10-11-TM	QA/QC	Date Rep	orted:		10-11-02
Laboratory Number:		23991		Date Sam	npled:		N/A
Sample Matrix:		Soil		Date Rec	eived:		N/A
Analysis Requested:		Total RCR	A Metals	Date Ana	lyzed:		10-11-02
Condition:		N/A		Date Dige	•		10-10-02 _.
Blank & Duplicate Conc. (mg/Kg)	Instrument Blank (mg/L)	Method Blank	Detectic Limit	Sample Sample		% Diffe	Acceptance , Range
Arsenic	ND	ND	0.001	0.006	0.006	0.0%	0% - 30%
Barium	ND	ND	0.001	1.21	1.23	1.7%	0% - 30%
Cadmlum	ND	NÐ	0.001	0,001	0.001	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.001	0.001	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	0.002	0.002	0.0%	0% - 30%
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Spike Conc. (mg/Kg)		Spike Added	Samp(¢ Spiked Sample	and the second		Acceptance Range
Arsenic		0.500	0.006	0.505	99.8%		80% - 120%
Barlum		0.500	1.21	1.70	99.4%		80% - 120%
Cadmium		0.500	0.001	0,500	99.8%		80% - 120%
Chromium		0.500	0.001	0.501	100.0%		80% - 120%
Lead		0.500	0.001	0.500	99.8%		80% - 120%
Mercury		0.050	ND	0.049	98.0%		80% - 120%
MICIONIY		0.000	• • =				
Seleníum		0.500	0.002	0.501	99.8%		80% - 120%

ND - Parameter not detected at the stated detection limit.

References:

Method 3050B, Acid Digestion of Sediments, Studges 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 23991.

Analyst

CHAIN OF CUSTODY RECORD

Client/Project Name Wostern Cas Resources 4 Corners Comp Station				ton.			٨	NALYSIS	/ PAR/	AMETER	IS			<u> </u>		
Sampler. Alynthe	or sal	-	Client No. 9218			No. of	Lotal							Remar	ß	
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	Ž	3									
Grab	10.10.02	7:15	23991		50:1	(+								
					<u> </u>				-							
		····														
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		· · · · · · · · · · · · · · · · · · ·														
Relinquished by: (Signa	iture)		_	Date 10/10/02		repeived b	r: (Signati	ure)	70	X					7	īme . 30-
Relinquished by: (Signa				1		Received b	: (Signati	ure)								
Relinquished by: (Signa	iture)				F	leceived b	r (Signati	ure)								
				ENV	IROT	ECH		C.	<u> </u>				Sample	Receip	1t	
				Ę	5796 U.S. I	Highway	64					Boroi	ved intact	Y	N	N/A
				Farmi	ington, Net (505) 6		o 8740	1					ce/Blue Ic		<u>}</u>	

WESTERN GAS RESOURCES

10328

		•
District 1 1625 N. Frunch Dr., Hobbs, NM 88240 District 1	State of New Mexico Energy Minerals and Natural Res	RECEIVED Form C-138 sources Revised March 17, 1999
1367-W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 District IV	Oil Conservation Division 1220 South St. Francis Di	Environment Plus I Copy
1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	Oil Conservation Division
REQUEST FO	R APPROVAL TO ACCE	
1. RCRA Exempt: 🔲 Non-Exempt: 💈	3	4. Generator: BJ Services
Verbal Approval Received: Yes] No 🖾	5. Originating Site: Yard
2. Management Facility Destination: Environ Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UI Road, Farmington	LSTR) 3250 Southside River	Project #95026-00
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to accept non-o	exempt wastes must be accompanied b	d by a certification of waste from the Generator; by necessary chemical analysis to PROVE the te classified hazardous by listing or testing will be
All transporters must certify the wastes de	livered are only those consigned for tr	ransport.
BRIEF DESCRIPTION OF MATERIAL:		STR 25 26 27 28 20
Soil from sump cleanout and sump remo	val.	MAR 2003
CWS and sump analytical attached.		MAR 2003 Harrived No Conversion No Conversion No A
	Y	E DIST. 3 CA
	· · ·	E ZI UN 6 S
		36615
Estimated Volume <u>10</u> cy Known Volume (to be entered by the operator at the en	d of the haul)cy .
SIGNATURE Sandrea R. acks Waste Management Facility Authorized		tal Administrative Assistant DATE: 03/24/03
TYPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: <u>(505) 632-06</u>	515 N
(This space for State Use)		Q
APPROVED BY: Dent	ous TITLE Envir	DATE: 03/25/03 mb/ Geologist DATE: 3/27/03
APPROVED BY	TITLE Environm	mb/ Geolyist DATE: 3/27/03

	• .	
District I 1625 N. French Dr., Hobbs, NM 88240	State of New Mexico	Form C-138
 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 	Energy Minerals and Natural Resou	rces Revised March 17, 1999 Submit Original
1000 Rio Brazos Road, Aztec, NM 87410 District IV	Oil Conservation Division 1220 South St. Francis Dr.	Plus 1 Copy
1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	to Appropriate District Office
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exempt: 🛛	3	4. Generator: BJ Services
Verbal Approval Received: Yes] No 🖾	5. Originating Site: Yard
2. Management Facility Destination: Environ Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UI Road, Farmington	LSTR) 3250 Southside River	Project #95026-00
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to accept non-e	exempt wastes must be accompanied by n	y a certification of waste from the Generator; eccessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
All transporters must certify the wastes del	livered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:		572 5262720
Soil from sump cleanout and sump remo	val.	MAR 2003
CWS and sump analytical attached.		OLCONS. DN.
		Dist. 3 Cr
		2110168 Barris
Estimated Volume <u>10</u> cy Known Volume (to be entered by the operator at the end o	f the haul)cy
SIGNATURE Handred R. Jacks Waste Management Facility Authorized		Administrative Assistant DATE: 03/24/03
TYPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: <u>(505) 632-0615</u>	
(This space for State Use) APPROVED BY: Derry Zeu APPROVED BY:	M TITLE Enviro TITLE	DATE: <u>03/25/03</u> DATE:

<u>.</u>____

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3-14-03; 1:28PM;ENVIR 1	; 505632186	FAGE 0
NEW MEXICO ENE NATURAL RESOL	URCES DEPARTM	
BILL RICHARDSON Governor Joanna Prukop Cabinat Secretary		ori Wrotenbery Director Inservation Division
CERTIFICATE OF W	VASTE STATUS	
- 1. Generator Name and Address BJ JERVICES 3250 JOUTH SIDE RIVER RD FARMINGTON NM 8740/	2. Destination Name: Envirotech Inc. Soil Remediation Landfarm #2 Hilltop, New Mexico	on Facility
3. Originating Site (name): SAME	Location of the Waste (Street address & pr	ULSTR):
attach list of originating sites as appropriate 4. Source and Description of Waste SOIL FROM SUMP ELEAN OF	UT & SUMP REMOVAL	-
I. SCOTT SPRINGER Print Name BJ SERVICES	representative for : do hereby certify that, according	to the Resource
Conservation and Recovery Act (RCRA) and Environmental Protection described waste is: (Check appropriate classification) EXEMPT oilfield waste	Agency's July, 1988, regulatory determinat	ion, the above
and that nothing has been added to the exempt or non-exempt non -haz	T oilfield waste which is non-hazardous by y product identification	characteristic
For NON-EXEMPT waste the following documentation is attached (che		
This waste is in compliance with Regulated Levels of Naturally Occu NMAC 3.1 subpart 1403.C and D.	urring Radioactive Material (NORM) pu	rsuant to 20
Name (Original Signature): Sott Spriger Title: PROJECT MANAGER Date: 6/17/03		
Date: $\frac{6/17/03}{2}$		
Oil Conservation Division * 1000 Rio Br Phone: (505) 334-6178 * Fax (505) 334-	nzos Road * Aztec, New Mexico 87410 6170 * http://www.cmud.state.on.us	



CAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	BJ Services	Project #:	95026-001
Sample ID:	S - 1	Date Reported:	02-14-03
Lab ID#:	24804	Date Sampled:	02-10-03
Sample Matrix:	Sludge	Date Received:	02-10-03
Preservative:	Cool	Date Analyzed:	02-14-03
Condition:	Cool and Intact	Chain of Custody:	10620
Parameter	Result		
IGNITABILITY:	Negative		
CORROSIVITY:	Negative	pH = 8.15	
REACTIVITY:	Negative		
RCRA Hazardous Waste Criteria		· · · · · · · · · · · · · · · · · · ·	
Parameter	Hazardous Waste Criterion		
IGNITABILITY:		efined by 40 CFR, Subpart C, Sec. 261.21. contact with flame or flash point < 60° C.)	
CORROSIVITY:		lefined by 40 CFR, Subpart C, Sec. 261.22. or pH greater than or equal to 12.5)	
REACTIVITY:	(i.e. Violent reaction with water,	efined by 40 CFR, Subpart C, Sec. 261.23. strong base, strong acid, or the generation s at STP with pH between 2.0 and 12.5)	
Reference:	40 CFR part 261 Subpart C sect	ions 261.21 - 261.23, July 1, 1992.	

Comments:

3250 Southside River Rd., Farmington, NM 87401 Washbay Sludge.

Analyst

Review

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ENVIROTEC ABS PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	BJ Services	Project #:	95026-001
Sample ID:	S - 1	Date Reported:	02-14-03
Laboratory Number:	24804	Date Sampled:	02-10-03
Chain of Custody:	10620	Date Received:	02-10-03
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-03
Preservative:	Cool	Date Analyzed:	02-13-03
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit	Regulatory Limits
Falameter	(119/2)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	0.0088	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	0.0004	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.

		Parameter	Percent Recovery
		Fluorobenzene	100%
		1,4-difluorobenzene	100%
		4-bromochlorobenzene	100%
References:	Method 1311, Toxicity Char	acteristic Leaching Procedure, SW-84	46, USEPA, July 1992.
	Method 5030, Purge-and-Tr	ap, SW-846, USEPA, July 1992.	
	Method 8010, Halogenated	Volatile Organic, SW-846, USEPA, S	ept. 1994.
	Method 8020, Aromatic Vola	tile Organics, SW-846, USEPA, Sept	. 1994.
Note:	Regulatory Limits based on	40 CFR part 261 Subpart C section 2	61.24, July 1, 1992.
Comments:	3250 Southside River	Rd., Farmington, NM 87401	Wash Bay Sludge.

Analyst

ENVIROTECA LABS

EPA METHOD 8040 PHENOLS

Client:	BJ Services	Project #:	95026-001
Sample ID:	S - 1	Date Reported:	02-14-03
Laboratory Number:	24804	Date Sampled:	02-10-03
Chain of Custody:	10620	Date Received:	02-10-03
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-03
Preservative:	Cool	Date Analyzed:	02-13-03
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
o-Cresol	ŇĐ	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:

Comments:

3250 Southside River Rd., Farmington NM 87401 Wash Bay Sludge.

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

Analyst

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۳., ENVIROTE BS PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	BJ Services	Project #:	95026-001
Sample ID:	S - 1	Date Reported:	02-14-03
Laboratory Number:	24804	Date Sampled:	02-10-03
Chain of Custody:	10620	Date Received:	02-10-03
Sample Matrix:	TCLP Extract	Date Extracted:	02-12-03
Preservative:	Cool	Date Analyzed:	02-13-03
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 Accept	ance Criteria	Parameter	Percent Recovery
		2-fluorobiphenyl	100%
References:	•	Characteristic Leaching Procedure, S bry Funnel Liquid-Liquid Extraction, S	-
	•	matics and Cyclic Ketones, SW-846,	-
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sec	tion 261.24, July 1, 1992.
Comments:	3250 Southside Ri	ver Rd., Farmington, NM 874	.01 Washbay Sludge.

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	BJ Services	Project #:	95026-001
Sample ID:	S - 1	Date Reported:	02-14-03
Laboratory Number:	24804	Date Sampled:	02-10-03
Chain of Custody:	10620	Date Received:	02-10-03
Sample Matrix:	TCLP Extract	Date Analyzed:	02-14-03
Preservative:	Cool	Date Extracted:	02-12-03
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

Parameter	Concentration (mg/L)	Det. Limit (mg/L)	Regulatory Level (mg/L)
		· .	·
Arsenic	0.008	0.001	5.0
Barium	0.114	0.001	100
Cadmium	0.001	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	0.002	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:

3250 Southside river Rd., Farmington, NM 87401 Washbay Sludge.

Analyst



QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

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ENVIROTECAL SOLUTIONS FOR A BETTER TOMORROW

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

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Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	02-14-03
Laboratory Number:	02-13-TCV	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-13-03
Condition:	N/A	Analysis Requested:	TCLP
		Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5

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%

0.0005

0.0003

0.0002

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:

Tetrachloroethene

1,4-Dichlorobenzene

Chlorobenzene

QA/QC for samples 24803 - 24804, 24808.

ND

ND

ND

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Review

ENVIROTEC LABS

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	02-14-03
Laboratory Number:	02-12-TCV	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-13-03
Condition:	N/A	Date Extracted:	02-12-03
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery
	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.
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Note:

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

Comments:

QA/QC for samples 24803 - 24804, 24808.

Analyst

ENVIROTEC A 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 Duplic	cate	Date Reported:	02-14-03	
Laboratory Number:	24803		Date Sampled:	N/A	
Sample Matrix:	TCLP Extrac	t	Date Received:	N/A	
Analysis Requested:	TCLP		Date Analyzed:	02-13-03	
Condition:	N/A	, ,	Date Extracted:	02-12-03	
· 		Duplicate		<u> </u>	
- - -	Sample	Sample	Detection		
· • •	Result	Result	Limits	Percent	
Parameter	(mg/L)	(mg/L)	(mg/L)	Difference	
Vinyl Chloride	ND	ND	0.0001	0.0%	
1,1-Dichloroethene	ND	ND	0.0001	0.0%	
2-Butanone (MEK)	0.0200	0.0200	0.0001	0.0%	
Chloroform	ND	ND	0.0001	0.0%	
Carbon Tetrachloride	ND	ND	0.0001	0.0%	
Benzene	0.0040	0.0039	0.0001	0.6%	
1,2-Dichloroethane	ND	ND	0.0001	0.0%	
Trichloroethene	ND	ND	0.0003	0.0%	
Tetrachloroethene	ND	ND	0.0005	0.0%	
Chlorobenzene	ND	ND	0.0003	0.0%	
1,4-Dichlorobenzene	ND	ND	0.0002	0.0%	

ND - Parameter not detected at the stated detection limit.

References:

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

Comments:

QA/QC for samples 24803 - 24804, 24808.

Analyst

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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 Spike			Date Report	ed:	02-14-03
Laboratory Number:	24803			Date Sample	ed:	N/A
Sample Matrix:	TCLP Extract			Date Receiv	ed:	N/A
Analysis Requested:	TCLP			Date Analyze	ed:	02-13-03
Condition:	N/A			Date Extract	ed:	02-12-03
			Spiked			SW-846
	Sample	Spike	Sample	Det.		% Rec.
	Result	Added	Result	Limit	Percent	Accept.
Parameter	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Recovery	-
Vinyl Chloride	ND	0.050	0.0495	0.0001	99.0%	28-163
1,1-Dichloroethene	ND	0.050	0.0494	0.0001	98.8%	43-143
2-Butanone (MEK)	0.0200	0.050	0.0698	0.0001	99.7%	47-132
Chloroform	ND	0.050	0.0500	0.0001	99.9%	49-133
Carbon Tetrachloride	ND	0.050	0.0490	0.0001	98.0%	43-143
Benzene	0.0040	0.050	0.0538	0.0001	99.6%	39-150
1,2-Dichloroethane	ND	0.050	0.0490	0.0001	98.0%	51-147
Trichloroethene	ND	0.050	0.0495	0.0003	99.0%	35-146
Tetrachloroethene	ND	0.050	0.0495	0.0005	99.0%	26-162
Chlorobenzene	ND	0.050	0.0495	0.0003	99.0%	38-150
1,4-Dichlorobenzene	ND	0.050	0.0495	0.0002	99.0%	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 samples 24803 - 24804, 24808.

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	02-14-03
Laboratory Number:	02-13-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	02-13-03
Condition:	N/A	Analysis Requested:	TCLP

Analytical Results		Detection	Regulatory
- ·	Concentration	Limit	Limit
Parameter	(mg/L)	(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachiorophenol	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 %	

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

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

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

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

QA/QC for samples 24803 - 24804, 24808. Comments:

Analyst

Note:

Review

ENVIROTEC LABS

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC ⁺	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	02-14-03
Laboratory Number:	02-12-TCA	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	02-12-03
Condition:	Cool & Intact	Date Analyzed:	02-13-03
	· ·	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 Recover	es: Parameter	Percent Recovery
	2-Fluorophenol	99%
	2,4,6-Tribromophenol	99%
References: N	ethod 1311, Toxicity Characteristic Leaching Procedure Te	est Methods for Evaluating Solid
V	aste, SW-846, USEPA, July 1992.	-
N	ethod 3510, Separatory Funnel Liquid-Liquid Extraction, Te	est Methods for Evaluating Solid
V	aste, 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 samples 24803 - 24804, 24808.

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ENVIROTECA LABS

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	02-14-03
Laboratory Number:	24803	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Ċooł	Date Extracted:	02-12-03
Condition:	Cool & Intact	Date Analyzed:	02-13-03
		Analysis Requested:	TCLP

		1 · · ·	
Sample	Duplicate	Detection	······································
Result	Result	Limit	Percent
(mg/L)	(mg/L)	(mg/L)	Difference
ND	ND	0.020	0.0%
ND	ND	0.040	0.0%
ND.	ND	0.020	0.0%
ND	ND	0.020	0.0%
ND	ND	0.020	0.0%
	Result (mg/L) ND ND ND ND	Result Result (mg/L) (mg/L) ND ND ND ND ND ND ND ND ND ND	ResultResultLimit (mg/L)NDND0.020NDND0.040NDND0.020NDND0.020NDND0.020

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	ptance Criteria:	Parameter	Maximum Difference
		8040 Compounds	30.0%
References:	Method 1311, Toxicity C Waste, SW-846, USEP/	Characteristic Leaching Procedure Test A, July 1992.	Methods for Evaluating Solid
2	Method 3510, Separatol Waste, SW-846, USEPA	ry Funnel Liquid-Liquid Extraction, Test A, July 1992.	Methods for Evaluating Solid
	Method 8040, Phenols,	Test Methods for Evaluating Solid Wast	e, 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 samples	s 24803 - 24804, 24808.	
Analyst	P. afen	Review	QG.755

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ENVIROTECA LABS

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:	02-14-03
Laboratory Number:	02-13-TBN	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	02-13-03
		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	101%

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:

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

	Concentration	Det. Limit	Regulatory Limit
		Ánalysis Requested:	TCLP
Condition:	Cool and Intact	Date Analyzed:	02-13-03
Preservative:	Cool	Date Extracted:	02-12-03
Sample Matrix:	TCLP Extract	Date Received:	N/A
Laboratory Number:	02-12-TBN	Date Sampled:	N/A
Sample ID:	Method Blank	Date Reported:	02-14-03
Client:	QA/QC	Project #:	N/A

Parameter	(mg/L)	(mg/L)	(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 Accep	tance Criteria	Parameter	Percent Recovery
		2-fluorobiphenyl	99%
References:	Method 1311, Toxicity	Characteristic Leaching Procedure, S	W-846, USEPA, July 1992.
	Method 3510, Separato	ory Funnel Liquid-Liquid Extraction, S	W-846, USEPA, July 1992.
t.,	Method 8090, Nitroaror	natics and Cyclic Ketones, SW-846, I	USEPA, Sept. 1986.
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sect	tion 261.24, July 1, 1992.

Comments:

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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:		02-14-03
Laboratory Number:	24803	Date Sampled:		N/A
Sample Matrix:	TCLP Extract	Date Received:		N/A
Preservative:	N/A	Date Extracted:		02-12-03
Condition:	N/A	Date Analyzed:		02-13-03
		Analysis Reque	sted:	TCLP
· · · · · · · · · · · · · · · · · · ·	Sample	Duplicate		Det.
	Result	Result	Percent	Limit
Parameter	(mg/L)	(mg/L)	Difference	(mg/L)
Pyridine	ND	ND [.]	0.0%	0.020
Hexachloroethane	ND	ND	0.0%	0.020
Nitrobenzene	ND	ND	0.0%	0.020
Hexachlorobutadiene	ND	ND	0.0%	0.020
2,4-Dinitrotoluene	ND	ND	0.0%	0.020
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 3510, Separate	Characteristic Leaching Procedure, S ory Funnel Liquid-Liquid Extraction, S natics and Cyclic Ketones, SW-846, I	W-846, USEPA, July 1992.
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sect	tion 261.24, July 1, 1992.

Comments:

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WROTE RACTICAL SOLUTIONS FOR A BETTER TOMORROW

and a second state of the
EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS **Quality Assurance Report**

Client:		QA/QC		Project #	:		N/A	
Sample ID:		02-14-TCI	M QA/QC	Date Rep	orted:		02-14-03	
Laboratory Number:		24803		Date San	npled:		N/A	
Sample Matrix:		TCLP Extr	act	Date Rec	eived:		N/A	
Analysis Requested:		TCLP Met	als	Date Ana	lyzed:		02-14-03	
Condition:		N/A		Date Extr	acted:		02-12-03	
Blank & Duplicate Conc. (mg/L)	Instrument Blank	Method Blank	Detectio Limit		Duplicat	e % Difference	Acceptance Range	
Arsenic	ND	ND	0.001	0.029	0.029	0.0%	0% - 30%	
Barium	ND	ND	0.001	0.067	0.066	1.5%	0% - 30%	
Cadmium	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%	
Chromium	ND	ND	0.001	0.018	0.018	0.0%	0% - 30%	
Lead	ND	ND	0.001	0.022	0.022	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%	

ND

ND

0.0%

0% - 30%

Spikė	Spike	Sample	Spiked	Percent	Acceptance
Conc. (mg/L)	Added		Sample	Recovery	Range
Arsenic	0.500	0.029	0.528	99.8%	80% - 120%
Barium	0.500	0.067	0.566	99.8%	80% - 120%
Cadmium	0.500	0.004	0.503	9 9 .8%	80% - 120%
Chromium	0.500	0.018	0.508	98.1%	80% - 120%
Lead	0.500	0.022	0.521	9 9.8 %	80% - 120%
Mercury	0.050	ND	0.050	100.0%	80% - 120%
Selenium	0.500	0.021	0.520	99.8%	80% - 120%
Silver	0.500	ND	0.499	9 9. 8%	80% - 120%

ND - Parameter not detected at the stated detection limit.

ND

ND

0.001

References:

Silver

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:

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Client / Project Name BJSccvicc			Project Location 3250 50 Facming	ouths:	JM 87	: 140 L	4	<u>a</u>		A	NALYSI	S / PARA	AMETER	RS			
Sampler:			Client No. 95020	•				TCLP W/OHE						Re	marks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Cont	102									
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Prelinquished by: (Signatu	ure)				10.00		eived by:	(Signati	ure)	. Ú	<u>+</u>	<u> </u>	<u>-</u>		0/03	77-	30
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District 1 162377. French Dr., Hobbs, NM 88240 20177. French Dr., Hobbs, NM 88240 20177. Trench Dr., Hobbs, NM 88210 201777. Dr. 100 201777. Dr. 100 2017777. Dr. 100 201777.	State of New Mexico Energy Minerals and Natural Resour Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	rces RECEIVED Form C-138 Revised March 17, 1999 MAR 2 7 2003 Submit Original Plus 1 Copy to Appropriate District Office		
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE		
1. RCRA Exempt: 🔲 Non-Exempt: 🔯	3	4. Generator: Western Gas Resources		
Verbal Approval Received: Yes 🗌	No 🖾	5. Originating Site: Aneth Inlet Compressor at San Juan River Plant		
2. Management Facility Destination: Enviro Landfarm #2	otech Soil Remediation Facility,	6. Transporter: TBA		
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico		
7. Location of Material (Street Address or UI New Mexico 87417	STR) 99 Road 6500, Kirtland,	Project #92187-001b		
 9. <u>Circle One:</u> 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: New lube oil contaminated gravel from the Aneth Inlet Compressor at the San Juan River Plant. WAR 2003 CWS and MSDS attached. Estimated Volume				
SIGNATURE Management Facility Authorized		Administrative Assistant DATE: 03/24/03		
(This space for State Use) APPROVED BY: 1 2000 APPROVED BY: Muntiple	ent TITLE: Environment	DATE: 03/25/03 mtul (xely) 5× DATE: 3/27/03		

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District I 1625 N. French Dr., Hobbs, NM 88240	State of New Mexico	Form C-138
District II 1501 W. Grand Avenue, Artesia, NM 88210 District III	Energy Minerals and Natural Resour	
1000 Rio Brazos Road, Aztec, NM 87410 District IV	Oil Conservation Division 1220 South St. Francis Dr.	Submit Original Plus 1 Copy
1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	to Appropriate District Office
REQUEST FOR	R APPROVAL TO ACCEP	T SOLID WASTE
		4. Generator: Western Gas Resources
1. RCRA Exempt: 🗌 Non-Exempt: 🖾		
Verbal Approval Received: Yes 🗌	No 🛛	5. Originating Site: Aneth Inlet Compressor at San Juan River Plant
2. Management Facility Destination: Enviro Landfarm #2	tech Soil Remediation Facility,	6. Transporter: TBA
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UL) New Mexico 87417	STR) 99 Road 6500, Kirtland,	Project #92187-001b
9. <u>Circle One</u> :		
approved	ator's certification of origin. No waste cl	assified hazardous by listing or testing will be
All transporters must certify the wastes deli	vered are only those consigned for transp	port.
BRIEF DESCRIPTION OF MATERIAL:		337AC526277
New lube oil contaminated gravel from th	e Aneth Inlet Compressor at the S	an Juan River Plant.
CWS and MSDS attached.	• •	MAR 2003 FEILINED OH COMB. DN.) DIST. 3 A MAR 2003 CH COMB. COMB. DIST. 3 CH CH COMB. COMB. DN.) CH COMB. COMB. DN.) CH COMB. COMB. DN.) CH COMB. COMB. DN.) CH COMB. COMB. CH COMB. COMB. CH CH COMB. COMB. CH CH CH COMB. CH CH CH COMB. CH CH CH CH CH CH CH CH CH CH
Estimated Volumecy Known Volum	e (to be entered by the operator at the en	nd of the haul)cy
SIGNATURE Andrea R. Ack Waste Management Facility Authorized A		Administrative Assistant DATE: 03/24/03
TYPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: (505) 632-0615	
(This space for State Use) APPROVED BY:	ent TITLE: Envirol. TITLE:	Engl DATE 03/25/03 DATE

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cablast Becretary

Lori Wrotenbery Director Oli Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Western Gas Resources	Envirotech Inc. Soil Remediation Facility
P.O. Box 70 99 Rd 6500	Landfarm #2
Kirtland, New Mexico 87417	Hilltop, New Mexico
3. Originating Site (name): SAN JUAN RIVER PLANT 99 Rd 6500 Kin Mand N. Mer 8741 attach list of originating sites as appropriate	Location of the Waste (Street address &/or ULSTR):
4. Source and Description of Waste Lube oil Contaminated Compressor AT SAN JUA.	GRAVEL FROM THE AWETH ENLET WRIVER PLANT (This WAS NEW OIL) MSDS SENTEN.
I, Arlyn Thorson	representative for :
Print Name	
Environmental Protection Agency's July, 1988, regul olassification) EXEMPT oilfield waste	fy that, according to the Resource Conservation and Recovery Act (RCRA) and atory determination, the above described waste is: (Check appropriate <u>X</u> NON-EXEMPT oilfield waste which is non-hazardous by cheracteristic analysis or by product identification
and that nothing has been added to the exempt or nor	n-exempt non -hazardous waste defined above.
For NON-EXEMPT waste the following documentat MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	tion is attached (check appropriate items): Other (description
This waste is in compliance with Regulated Levels NMAC 3.1 subpart 1403.C and D.	of Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): At thous	
Title: Field Supervisor	
Date: 3/24/03	
·····	

Oll Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.cmnrd.state.nm.us</u>

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Chevron HDAX@ Low Asi. A Engine Oil MSDS#7046 Rev#2 (06.

Page 1 of 7

ihev roe **Material Safety Data Sheet**

Chevron HDAX® Low Ash Gas Engine Oil

MSDS: 7046 Revision #: 2 Revision Date: 06/06/00

Click here to search the product data sheet database

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON MUAX LOW ASH GAS ENglis Oil and HDAX LEG

PRODUCT NUMBER (E) ; CP6333335 CP6232327 CPS232328 CPS232331 SYNONYM: CHEVRON HDAX Low Ash Gas Engine Oil SAE 15W-40 CHEVRON HDAX Low Ash Gas Engine Oil SAE 30 CHEVRON HDAX Low Ash Gas Engine Oil SAE 40 CHEVRON HDAX LFG Gas Engine Oil SAE 40

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Chevron Products Company Lubrigance and Specialty Products 6001 Bollinger Canyon Rd., T3325/B10 San Ramon, CA 94583 www.chevron-lubricants.com

HEALTH (24 hr); (800)231-0623 or (610)331-0622 (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)414-6/37 email: lubenedseclevron.com Environmental, Safety, & Health Info: (925) 842-5535 Product Information: (800) 582 3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEVRON HDAX Low Ash Gas Engine Oil and HDAX LFG 100.0 *

CONTAINING

Components	AMOUNT	limit/qty	AGENCY/TYPE
LUBRICATING BASE OIL SEVERELY REFINED SETROL	EUM DISTILLATE > 80,004	5 mg/m2 (mist) 10 mg/m3 (mist) 5 mg/m3 (mist)	acgih Twa Acgih Stel Usha Pel

The BASE OIL may be a mixture of any of the following: CAB \$4731984, CAS 64741895, CAS 64741964, CAS 64741975, CAS 64742014, CAS 64742525, CAS 64742536, CAS 64741547, CAS 64742627, CAS 64742650, or CAS 72623837.

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WESTERN GAS RESOURCES TD:15055986210

Chevron HDAX® Low As s Engine Oil MSDS#7046 Rev#2 (0.

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ADDITIVES INCLUDING THE FOLLOWING < 20.00%

ZINC ALKARYL DITHIOPHOSPHATE Chemical Name: 2INC ALKARYL DITHIOPHOSPHATE CAS54261675 < 0.50% NONE

NA

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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 EYEI 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. 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

BYE :

No specific first aid managures 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. BKINI 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 boap 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 usughing or respiratory discomfort occurs,

6. FIRE FIGHTING MEASURES

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. Chevron HDAX® Low Ash Regine Oil MSDS#7046 Rev#2 (00

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FIRE CLASSIFICATION: Classifluation (29 CFR 1910,1200): Not classified by OSHA as flammable or combustible. FLAMMABLE PROPERTIES : FLASH POINT: (COC) 399F (204C) min. AUTOIGNITION: NOA 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 shy enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. COMBUSTION PRODUCTS: Normal combustion forms carbon dioxide and water vapor and may produce oxides of Ca, P, N, S, Mo, Zn. Incomplete combustion can produce carbon monoxide.

6, ACCIDENTAL RELEASE MEADURED

CHEMTREC EMERGENCY NUMBER (24 hr): (800)424-9300 or (703)527-3987 International Collect Calls Accepted ACCIDENTAL RELEASE MEASURES:

Stor 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 (colid, liquid, and/or vepor) 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 road and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under pertain circumstances. -5

Chovron HDAX® Low Astras Engine Oil MSDS#7046 Rev#2 (0. /00)

Page 4 of 7

ENGINEERING CONTROLS Use in a well-ventilated area. If user operations generate an cil mist, uso process enclosures, local exhaust ventilation, or other engineering controls to control sirborne levels below the recommended mineral oil mist exposure limits. PERSONAL PROTECTIVE ROUIPMENT EYE/FACE PROTECTION: No special eye protection is normally required. Where splashing is possible, wear safety ylasses with side shields as a good safety practice SKIN PROTECTION: No special protoctive 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 respiratory protection is normally required. It 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 DESCRIPTI	ON:
Dark amber ligu	id.
pH:	NDA
VAPOR FRESSURE:	NA
VAPOR DENSITY	
(AIR=1) (NA
POTITNG POINT:	NDA
FREEZING POINT:	NDA
Melting Point:	NA
SOLUBILITY :	Soluble in hydrocarbon solvence; insoluble in water.
SPECIFIC GRAVITY:	0,87 - 0.88 @ 15.6/15.6C
EVAPORATION RATE:	NA
VISCOSITY:	11.0 - 14.4 cSt @ 100C (min.)
PERCENT VOLATILE	
(VOL) I	NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: H2S may be released at high temperatures. 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

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Chevron HDAX® Low As. is Engine Oil MSDS#7046 Rev#2 (0.

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EYE BFFECTS: 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 Loxicity 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 Hezard 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, carolnoyenic to humans (Group 1), probably

This product contains zinc alkaryl dithiophosphate which is similar in toxicity to zinc alkyl dithiophosphate (ZDDP). Several (ZDDPs) have been reported to have weak mutagenic activity in cultured mammalian cells but only at concentrations that were toxic to the test cells. We do not believe that there is any mutagenic risk to workers exposed to ZDDPs.

carcinogenic to humans (Group 2A), or possibly carcinogenic to humans

During use in engines, contamination of oil with low levels of cancer-causing combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and continuous exposure. Brief or intermittent akin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water. See Chevron Material Safety Data Sheet No. 1793 for additional information on used motor oil.

12. ECOLOGICAL INFORMATION

(Group 2B).

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.

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10:13 No.002 P.11 Chevron HDAXB Low As 🔽 🕆 Engine Oil MSDS#7046 Rev#2 (0 /00) 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 Mazarda NO REGULATORY LISTS SEARCHED: 01-5ARA 212 11 MA RTK 22=TSCA Sect 5(a)(2) 02-MASS RTK 12=CERCLA 302.4 23-TSCA Sect 6 03=NTP Carcinogen 13=MN RTK 04=CA Prop 65-Carcin 14=ACGIH TWA 24=TSCA Sect 12(b) 25=TSCA Sect 8(a) 05=CA Prop 65-Repro Tox 15=ACGIH STEL 26=TSCA Sect B(d) 16#ACUIH Cald TLV 06=IARC Group 1 27=TSCA Sect 4(a) 07=IARC Group 2A 17=OSHA PEL 28 Canadian WHMIS 06- IARC Group 28 18-DOT Marine Pollutant 39-08HA CEILING 19-Chevron TWA 30 Chevron STEL 09=SARA 302/304 20-EPA Cardinogan 10-PA RTK The following components of this material are found on the regulatory liers indicated. ZINC ALKARYL DITHIOPHOSPHATE is found on lists: C1,11, SEVERELY REFINED PETROLEUM DISTILLATS is found on lists, 14, 15, 17, EU RISK AND SAFETY LABEL PHRASES: R53: 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 New Jersey Right-To-know trads secret registry number 01154100-5031P New Jersey Right-To-Know trade secret registry number 01154100-5063P WHMIS CLASSIFICATION This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations. 16. OTHER INFORMATION

MHK 18.02

Page 6 of 7

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> NFPA RATINGS: Health 1; Flammability 1; Reactivity 0; HMIS RATINGS: Health 1, Flammability 1, Reactivity 0; (0-Least, 1-6light, 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

http://library..../91c7350df4a0c810882566a6006fc8a9?OpenDocument&Highlight=0,HDAX 3/17/2003

WESTERN GAS RESOURCES ID:15055986210

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MAR 18'03

Chevron HDAX® Low As. s Engine Oil MSDS#7046 Rev#2 (0.

Association (NFPA) or the National Paint and Coating Association (for IMID ratings).

REVISION STATEMENT; This revision updates Sections 1, 2, 5, 9, 12, and 15.

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	THQ - Threshold Planning Quantity
RQ - Reportable Quantity	PEL - Permissible Exposure Limit
C - Colliny Limit	CAD - Chemical Abstract Service Number
A1-5 - Appendix A Categories	() - Change Has Been Proposed
NDA - NO DATA Available	NA - Nor Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (2400.1) by the Toxicology and Health Risk Assessment Unit, CRTC, F.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.

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

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🔲	4. Generator: Western Gas Resources
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: San Juan River Plant Pig Receiver
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) 99 Road 6500, Kirtland, New Mexico 87417	Project #92187-001

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.

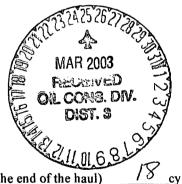
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Pigging sludge – Iron Sulfide

CWS and NORMS attached.



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

SIGNATURE Waste Management Authorized Agent

TITLE: Environmental Administrative Assistant

 ···· · · · · · · · · · · · · · · · · ·	U		

DATE: 03/24/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
APPROVED BY: Dent Levent TITLE: Enviro/Engr	DATE: 03/25/03
	DATE: 3/25/03
APPROVED BI IIIL	

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Gevernor Josnna Prukop Cubinet Secretary Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address	2. Destination Name:
Western Gas Resources	Envirotech Inc. Soil Remediation Facility
P.O. Box 70 99 Rd 6500	Landfarm #2
Kirtland, New Mexico 87417	Hilltop, New Mexico
 3. Originating Site (name): San Juan River Plant - Pig Receiver 99 Rd 6500 Kirtland, New Mexico 87417 attach list of originating sites as appropriate 4. Source and Description of Waste Pigging sludge - Iron sulfide 	Location of the Waste (Street address &/or ULSTR):
I, Arlyn Thorson	representative for :
Print Name	
Western Gas Resources Inc., do hereby certify th Environmental Protection Agency's July, 1988, regulatory classification)	nat, according to the Resource Conservation and Recovory Act (RCRA) and y determination, the above described waste is: (Check appropriate 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-ex	cempt non -hazardous wasto defined above.
For NON-EXEMPT waste the following documentation MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	Other (description
This waste is in compliance with Regulated Levels of NMAC 3.1 subpart 1403.C and D.	Naturally Occurring Radioactive Material (NORM) pursuant to 20
Name (Original Signature): Af them	
Name (Original Signature): <u>It Aner</u> Title: <u>Fisld</u> Supervisor	· · · · · · · · · · · · · · · · · · ·
Date: 3/24/03	

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fex (505) 334-6170 * <u>http://www.cninrd.statc.nin.us</u>

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WESTERN GAS RESOURCES

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HIGH DESERT SAFETY

301 SOUTH FRONTIER - 87413 BLOOMFIELD, NEW MEXICO PHONE: (505) 632-3633 - CELL: (505% 330-0614

NORM SURVEY DATA SHEET

Facility / Location: SANJUAN RIUG Pig Sh	10gE Date: 11-14-2002	
Meter Model: TECHNICAL ASSOCIATES - PUG-1AB - SERIAL NUMBER: 076283		
Detector Model: TECHNICAL ASSOCIATES - 1	P-8 - SERIAL NUMBER: 086288	
Battery check: (-)		
Background Radiation Level: 0.07 mR/h	r	
Description of material surveyed: 	لم در	
Item / Material Surveyed		
Waste Material: approx, gals	approx. cubic yards	
Equipment: Manufacturer:	mR/hr: 0.09	
Serial No:		
Description:	·	
Identificr No:		
Grid Location:	, 	
Comments:		
Survey Conducted by: Gary W, Howe		

(signature)

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HIGH DESERT SAFETY

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301 SOUTH FRONTIER - 87413 BLOOMFELD, NEW MEXICO PHONE: (505) 632-3633 - CELL: (505% 330-0614

NORM SURVEY DATA SHEET

Facility / Location: ANEth Pig LANNCHER	Date: 11-14-200 L	
Meter Model: TECHNICAL ASSOCIATES - PUG-1AB - SERIAL NUMBER: 076283		
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Battery check: (7		
Background Radiation Level:mR/hr		
Description of material surveyed; Sludge from in let settling tan	۴	
Item / Material Surveyed		
Waste Material: approx. gals	2approx. cubic yards	
Equipment: Manufacturer:	mR/hr. <u>0-09</u>	
Serial No:		
Description:		
Identifier No:		
Grid Location:		
Comments:		
Survey Conducted by: Gary W. Howe		

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$q = -\frac{1}{2} \left(\frac{1}{2} - \frac{1}{2} \right)^2$	
	Monty ne Kieling
District II State of New Mexico District II Energy Minerals and Natural Resource	Form C-138
1301 W. Grand Avenue, Artesia, NM 88210 District III Oil Conservation Division	Submit Original
1000 Rio Brazos Road, Aziec, NM 87410Off Conservation DivisionDistrict IV1220 South St. Francis Dr., Santa Fe, NM 875051220 South St. Francis Dr., Santa Fe, NM 87505	AH 2005 to Appropriate District Office
REQUEST FOR APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: 🔲 Non-Exempt: 🖾	4: Generator: BJ Services
Verbal Approval Received: Yes 🗌 No 🛛	5. Originating Site: Yard
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	Project #95026-008
9. <u>Circle One</u> :	
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste capproved 	ecessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for trans	port.
BRIEF DESCRIPTION OF MATERIAL:	
Diesel and gel contaminated media cleaned off of equipment in yard.	
CWS and MSDS attached.	
	3661
Estimated Volume 2002 cy Known Volume (to be entered by the operator at the entered by the entered by the operator at the entered by the entered by the operator at the entered by t	
SIGNATURE Sandrea R. ackso TITLE: Environmental Waste Management Facility Authorized Agent	Administrative Assistant DATE: 03/07/03
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	6 3 2 8 0 3 C
(This space for State Use)	
APPROVED BY: 1 eng ten TITLE: Environment	Eingr DATE: 03/18/03
APPROVED BY: Monthyme State	DATE: 03/28/03
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District I 1625 N. French Dr., Hobbs, NM 88240 , District II	State of New Mexico Energy Minerals and Natural Resou	Form C-138 Revised March 17, 1999
1361 W. Grand Avenue, Artesia, NM 88210 District III	Oil Conservation Division	Submit Original
1000 Rio International Road, Aztec, NM 87410 District IV	1220 South St. Francis Div	Plus 1 Copy to Appropriate
1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	MAR 2003 District Office
REQUEST FO	R APPROVAL TO ACCEP	
1. RCRA Exempt: 🔲 Non-Exempt:		4. Generator: BJ/Services
Verbal Approval Received: Yes		5. Originating Site: Yard
2. Management Facility Destination: Envir Landfarm #2	rotech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S 87401	5. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or U Road, Farmington	ULSTR) 3250 Southside River	Project #95026-008
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to accept non- material is not-hazardous and the Gene approved	-exempt wastes must be accompanied by reactor's certification of origin. No waste of	by a certification of waste from the Generator; necessary chemical analysis to PROVE the classified hazardous by listing or testing will be
All transporters must certify the wastes de	elivered are only those consigned for tran	sport.
BRIEF DESCRIPTION OF MATERIAL:		
Diesel and gel contaminated media clear	ned off of equipment in yard.	
CWS and MSDS attached.		
Estimated Volume 2021 cy Known Volu	ume (to be entered by the operator at the e	end of the haul)cy
SIGNATURE Landred R. Jack Waste Management Facility Authorized		Administrative Assistant DATE: 03/07/03
TYPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: (505) 632-0615	5
(This space for State Use) APPROVED BY: 1	eur TITLE: Envirop	DATE: 03/18/03 DATE:
		<u> </u>



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON GOVERNOR

95026-008

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178 Fax (505)334-6170

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address: BJ Service 5 River Road	2. Destination Name:
RT Services 3250 Southered	Envirotech Soil Remediation Facility
king koad	Landfarm #2
FARMINGTON, New Mexico	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
BJ yord. 3250 Southsid	ar KWES KOAA
U	
Attach list of originating sites as appropriate	
4. Source and Description of Waste	•
cleaned get from equy	ment
	1
1, <u>Les Baug</u> RT (Print Name)	h representative for:
(Print Name)	
•	ry Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	waste is: (Check appropriate classification)
EXEMPT oilfield waste \checkmark NON-EXEM	MPT oilfield waste which is non-hazardous by characteristic
	by product identification
,	
and that nothing has been added to the exempt or no	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documenta	
MSDS Information RCRA Hazardous Waste Analysis	Other (description):
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.

$\wedge \wedge \wedge$
Name (Original Signature):
Title: Taulles Superiron
Date: 3/3/03

5026-10



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region:

USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: ITEM NUMBER : CHEMICAL DESCRIPTION: PRODUCT USE: SUPPLIER: ADDRESS:

EMERGENCY TELEPHONE NUMBER

PREPARED BY:

DATE PREPARED:

GW-4

424203, 488011 Guar gum Gellant - water BJ Services Company 5500 Northwest Central Dr Houston TX 77092 (800)424-9300 for CHEMTREC (703)527-3887 Alaska and International BJ Services Environmental Group (281)351-8131 September 18, 2000 Supersedes: November 17, 1997

HMIS HAZARD INDEX

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	е

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Guar gum	9000-30-0	>99	Irritant

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD): UPPER EXPLOSION LIMIT(% BY VOL): LOWER EXPLOSION LIMIT(% BY VOL): AUTO-IGNITION TEMPERATURE: EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES:

>200°F (TOC) N.E.

N.E.

N.E.

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors of products of combustion exists. **EXPLOSION DATA:**

Like all carbohydrate and most dry chemicals, a potential dust explosion hazard exists if the dust concentration in air is too high. Good housekeeping procedures are required to reduce this potential hazard.

HAZARDOUS COMBUSTION PRODUCTS:

Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye contact, inhalation

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT:	No specific information available. Contains materials that are essentially nonirritating, but contact may cause slight transient irritation.
SKIN ABSORPTION:	No specific information available. Contains materials that may be practically nontoxic.
EYE CONTACT:	No specific information available. Contains materials that may cause eye injury which may persist for several days.
INHALATION:	No specific information available. Dust may produce a respiratory allergenic response and/or irritation in some individuals.
INGESTION:	Contains materials that may be practically nontoxic. Ingestion of dry powder may result in the material swelling in the throat possibly causing blockage of the throat and choking. Ingestion is not an expected route of entry.

CHRONIC OVEREXPOSURE EFFECTS: Based on a medical study of exposed workers, some individuals may develop a respiratory allergenic response to guar dust. Persons with a history of respiratory allergies may have those conditions aggravated by exposure to guar dust.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Guar gum	10 mg/m3 (total dust)	10 mg/m3 (total dust)

CARCINOGENICITY, REPRODUCTIVE EFFECTS: Not listed as carcinogen - IARC, NTP, or OSHA

TERATOGENICITY, MUTAGENICITY: No effects listed.

TOXICITY STUDIES:

LD(50)	N.E.
LC(50)	N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES:	Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
FOR SKIN:	Remove contaminated clothing and wash contact area with water and mild soap, if available. If irritation develops or persists, contact a physician.
FOR INHALATION:	Remove to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, guiet and get medical attention.
FOR INGESTION:	Fluids should be taken to prevent esophageal obstruction if dry material is swallowed. Get medical attention.

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR:	Off white powder, bean-like odor
SPECIFIC GRAVITY:	1.3
VAPOR PRESSURE:	N.A.
VAPOR DENSITY (air=1):	N.A.
EVAPORATION RATE:	N.A.
BOILING POINT:	N.A.
FREEZING POINT:	N.A.
SOLUBILITY IN H20:	Forms gel
pH:	6-8 at 0.5 wt/wt%

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY: INCOMPATIBLE MATERIALS: HAZARDOUS POLYMERIZATION: HAZARDOUS DECOMPOSITION PRODUCTS: Stable Strong oxidizing agents Does not polymerize See combustion products

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:The use of mechanical ventilation is recommended whenever
this product is used in a confined space. Where engineering
controls are not feasible, assure use is in an area where there is
natural air movement.RESPIRATORY PROTECTION:Dust mask - Where ventilation is inadequate, wear a NIOSH
approved dust or air-line respirator.PROTECTIVE GLOVES:Rubber or neoprene
GogglesEYE PROTECTION:GogglesOTHER PROTECTIVE EQUIPMENT:Eyewash bottles or other rinsing equipment should be easily
accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES:	For wet material, dike spill and absorb with inert material and collect for disposal. Caution: Wet material is slippery For dry powder, sweep or scoop-up and collect for disposal. Avoid creating dust clouds and breathing dust.
WASTE DISPOSAL:	If this product becomes a waste it does not meet the requirements of a RCRA hazardous waste. Always dispose of according to local/state/federal regulations.

STORAGE REQUIREMENTS:

HANDLING & SPECIAL EQUIPMENT: Avoid breathing dust. Surfaces dusted with this product can become slippery when wet.

> Store in a dry place. Keep container closed to avoid moisture pickup. Avoid creating dust clouds and breathing dust when handling.

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:	Not DOT Regulated
HAZARD CLASS:	N.A.
UN/NA NUMBER:	N.A.
PACKING GROUP W/ "PG":	N.A.
SUBSIDIARY RISK:	N.A.
REPORTABLE QUANTITY (RQ):	N.A.
EMERGENCY RESPONSE GUIDE #:	N.A.

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304	This product does not contain ingredients listed as an Extremely Hazardous Substance.
SECTION 311/312	Immediate, Delayed
SECTION 313	This product does not contain ingredients (at a level of 1% or
	greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:	All of the components in this appear on the TSCA inventory.
CALIFORNIA PROP 65:	This product is not subject to California Proposition 65
	notification.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Once printed, the information contained in this document is valid for a period of 45 days from its date stamp. 11/22/2002

Revision: 1

Status: Approved & Released MSDS

Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today
2	1	Telephone number	09/18/00

0



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region:

USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: ITEM NUMBER : CHEMICAL DESCRIPTION: PRODUCT USE: SUPPLIER: ADDRESS:

EMERGENCY TELEPHONE NUMBER

International PREPARED BY:

DATE PREPARED: August 6, 1998

Diesel #2

182848, 100365 Diesel Oil Solvent BJ Services Company 5500 Northwest Central Dr Houston TX 77092 (800)424-9300 for CHEMTREC (202)483-7616 Alaska and

BJ Services Environmental Group (281)351-8131 August 7, 2000 Supersedes:

HMIS HAZARD INDEX

HEALTH:	1
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	h

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Diesel Fuel	68476-34-6	100	Combustible

SECTION III - FIRE AND EXPLOSION HAZARD DATA

130°F (TCC) FLASHPOINT (METHOD): 6.0 UPPER EXPLOSION LIMIT(% BY VOL): 0.4 LOWER EXPLOSION LIMIT(% BY VOL): 494°F **AUTO-IGNITION TEMPERATURE:** EXTINGUISHING MEDIA: Water spray, dry chemical, CO2, foam SPECIAL FIRE FIGHTING PROCEDURES: 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. Do not enter enclosed or confined space without proper **EXPLOSION DATA:**

protective equipment including respiratory protection. Vapor forms explosive mixture with air.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide, and a variety of hydrocarbons

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Skin contact, inhalation

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT:	Prolonged or repeated contact with skin may cause irritation or contact dermatitis.
SKIN ABSORPTION:	Not absorbed by skin.
EYE CONTACT:	Eye contact may cause irritation and redness.
INHALATION:	Prolonged exposure may cause signs and symptoms of Central Nervous System depression such as headache, dizziness, loss of appetite, weakness, and loss of coordination. May also lead to chemical pneumonia.
INGESTION:	Will cause nausea, vomiting, diarrhea, and restlessness.
ONIC OVEREXPOSURE	FEFECTS: Eve irritation skin irritation leading to

CHRONIC OVEREXPOSURE EFFECTS: Eye irritation, skin irritation leading to dermatitis, CNS depression and chemical pneumonia.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Diesel Fuel	N.E.	N.E.

CARCINOGENICITY, REPRODUCTIVE EFFECTS:

Petroleum distillate, a component of this product, has been shown to cause skin cancer in laboratory animals.

TERATOGENICITY, MUTAGENICITY: No effects listed.

TOXICITY STUDIES:

LD(50) 9 ml/kg (oral-rat) LC(50) N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES:	Immediately flush with plenty of water for at least 15
	minutes. If irritation persists, contact a physician.
FOR SKIN:	Flush skin with water or wash with mild soap and water if
	available. If irritation persists, contact a physician.
FOR INHALATION:	Remove to fresh air. If breathing has stopped, give artificial

1

respiration. Keep person warm, quiet and get medical attention.

FOR INGESTION: DO NOT induce vomiting. Aspiration into the lungs will cause severe chemical pneumonia. Seek medical attention immediately!

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR:

SPECIFIC GRAVITY: VAPOR PRESSURE: VAPOR DENSITY (air=1): EVAPORATION RATE: BOILING POINT: FREEZING POINT: SOLUBILITY IN H20: pH: Clear or straw-colored or dyed blue/green/red liquid with aromatic odor. 0.84-0.88 @ 60°F 1 mm Hg @ 68°F >1 N.E. 350-690°F (177-366°C) N.E. Insoluble N.A.

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY:StaINCOMPATIBLE,MATERIALS:StroHAZARDOUS POLYMERIZATION:DoeHAZARDOUS DECOMPOSITION PRODUCTS:See

Stable Strong oxidizers Does not polymerize See Combustion Products

dispose of according to all local, state, and

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:	The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.
RESPIRATORY PROTECTION:	As needed. Air purifying, half face piece, organic vapor cartridge or canister.
PROTECTIVE GLOVES:	Rubber or neoprene
EYE PROTECTION:	Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT:	Eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES: Eliminate ignition sources. Dike or contain spill to prevent material from entering waterways. Pump large spills into salvage containers. Soak up residue or small spills with absorbent pads, clay, or dirt and place in salvage containers. WASTE DISPOSAL: If this product becomes a waste it may meet the requirements of a RCRA hazardous waste with the waste code D001. Always

N.E. = Not Established

N.A. = Not Applicable

MSDS for Diesel #2...Page 3

HANDLING & SPECIAL EQUIPMENT:

federal laws and regulations.

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Keep away from heat, sparks and open flames. Ground container when pouring. Keep containers closed when not in use.

STORAGE REQUIREMENTS:

Store outdoors or in a detached area if possible. Otherwise, store in a well-ventilated area away from heat, sparks and open flames.

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:Diesel FuelHAZARD CLASS:3UN/NA NUMBER:NA1993PACKING GROUP W/ "PG":PGIIISUBSIDIARY RISK:N.A.REPORTABLE QUANTITY (RQ):N.A.EMERGENCY RESPONSE GUIDE #:128

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304	This product does not contain ingredients listed as an Extremely Hazardous
	Substance.
SECTION 311/312	Immediate, Delayed, Fire
SECTION 313	This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:	All of the components in this appear on the
	TSCA inventory.
CALIFORNIA PROP 65:	None of the chemicals on the current
	Proposition 65 list are known to be present
•	in this product.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Once printed, the information contained in this document is valid for a period of 45 days from its date stamp. 11/22/2002

Revision: 2

Status: Approved & Released MSDS

Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today
2	HMIS, II, III,IV,VI,IX,X	HMIS, CAS#, Fire & explosion data, LD50, Physical data, Handling precautions, Regulatory information	8-6-98
3		Telephone number	08/07/00



Sec. Para

BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region:

USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: ITEM NUMBER: CHEMICAL DESCRIPTION: PRODUCT USE: SUPPLIER: ADDRESS:

EMERGENCY TELEPHONE NUMBER

International PREPARED BY:

DATE PREPARED: 1998

PSA-1

488164 Organophilic clay Component BJ Services Company 5500 Northwest Central Dr Houston TX 77092 (800)424-9300 for CHEMTREC (202)483-7616 Alaska and

BJ Services Environmental Group (281)351-8131 November 9, 2000 Supersedes: February 19,

HMIS HAZARD INDEX

HEALTH:	2
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	f

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Crystalline silica (cristobalite)	14464-46-1	< 1.0	Irritant
Crystalline silica (quartz)	14808-60-7	< 1.0	Irritant

SECTION III - FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT (METHOD): UPPER EXPLOSION LIMIT(% BY VOL): LOWER EXPLOSION LIMIT(% BY VOL): AUTO-IGNITION TEMPERATURE: EXTINGUISHING MEDIA:	N.A. N.A. 73.6 g/m3 N.E. Alcohol foam, carbon dioxide, dry chemical, or water fog
SPECIAL FIRE FIGHTING PROCEDURES	. .
EXPLOSION DATA:	Normal precautions for organic dusts should be provided. Avoid dust

concentrations and ensure all equipment is properly grounded to prevent static discharges. Oxides of carbon and ammonia

HAZARDOUS COMBUSTION PRODUCTS:

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Inhalation and eye contact

ACUTE OVEREXPOSURE EFFECTS:

Not expected to cause irritation.
Cannot be absorbed through the skin.
May produce slight mechanical irritation.
May cause slight irritation.
Not expected to produce adverse effects.

CHRONIC OVEREXPOSURE EFFECTS: As with any nuisance dust, long term

As with any nuisance dust, long term exposure to concentrations above recommended exposure guidelines may overload the lung clearance mechanism and cause adverse lung effects and shortness of breath. Long term over exposure to products containing Crystalline Silica may cause silicosis. IARC has classified Crystalline Silica as 2A - Probably carcinogenic to humans.

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Crystalline silica (cristobalite)	0.1 mg/m3	0.1 mg/m3
Crystalline silica (quartz)	10 mg/m3 - Total	10 mg/m3 - Total 5 mg/m3 - Respirable

CARCINOGENICITY, REPRODUCTIVE EFFECTS: Not listed as carcinogenic - OSHA Listed as a suspected carcinogen - IARC (Group 2A) Listed as a suspected carcinogen - NTP (Respirable)

TERATOGENICITY, MUTAGENICITY: No effects listed

TOXICITY STUDIES:

LD(50) > 8,000 mg/kg (Rat) LC(50) N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES: In case of contact, immediately flush eyes with plenty of

	rinse well under them. Get medical attention, preferably an
	ophthalmologist if irritation occurs.
FOR SKIN:	Flush all affected areas with plenty of water for several minutes. Remove and wash any contaminated clothing and shoes. Get medical attention if skin irritation occurs.
FOR INHALATION:	Remove to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
FOR INGESTION:	Seek medical attention. If person is conscious and medical help is not readily available, give water and induce vomiting.

water for at least 15 minutes. Lift upper and lower lids and

SECTION VI - PHYSICAL DATA

APPEARANCE AND ODOR: SPECIFIC GRAVITY:	Odorless, light cream powder 1.7 at 600°F
VAPOR PRESSURE:	N.A.
VAPOR DENSITY (air=1):	N.A.
EVAPORATION RATE:	N.A.
BOILING POINT:	N.A.
FREEZING POINT:	N.A.
SOLUBILITY IN H20:	Insoluble
pH:	N.A.

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY: INCOMPATIBLE MATERIALS: HAZARDOUS POLYMERIZATION: HAZARDOUS DECOMPOSITION PRODUCTS: Stable None known Does not polymerize Thermal decomposition can produce oxides of carbon and ammonia.

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:

RESPIRATORY PROTECTION:

PROTECTIVE GLOVES:

EYE PROTECTION:

The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement. NIOSH approved (type) air purifying respirator where TLV is exceeded. Chemical resistant Safety glasses Evewash bottles or other rinsing equipment OTHER PROTECTIVE EQUIPMENT: should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES:	Sweep up and place in suitable containers for reuse or disposal.
WASTE DISPOSAL:	If this product becomes a waste, it does not

meet the requirements of a RCRA hazardous waste. Always dispose of according to all local/state/ and federal regulations.

HANDLING & SPECIAL EQUIPMENTAvoid high dust concentrations while

handling through the use of ventilation or other suitable controls. Ensure all equipment is grounded to prevent static discharge. ITS: None

STORAGE REQUIREMENTS:

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:	Not DOT Regulated
HAZARD CLASS:	N.A.
UN/NA NUMBER:	N.A.
PACKING GROUP W/ "PG":	N.A.
SUBSIDIARY RISK:	N.A.
REPORTABLE QUANTITY (RQ):	N.A.
EMERGENCY RESPONSE GUIDE #:	N.A.

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304	This product does not contain ingredients listed as an Extremely Hazardous Substance.
SECTION 311/312	Immediate, Delayed
SECTION 313	This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:	All of the components in this appear on the TSCA inventory.
CALIFORNIA PROP 65:	None of the chemicals on the current
	Proposition 65 list are known to be present in this product.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Once printed, the information contained in this document is valid for a period of 45 days from its date stamp. 11/22/2002

Status: Approved & Released MSDS

Revision: 1

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Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today
2	1	Telephone number	11/9/00



BJ SERVICES COMPANY MATERIAL SAFETY DATA SHEET

Region:

USA

SECTION I - GENERAL INFORMATION

PRODUCT NAME: ITEM NUMBER: CHEMICAL DESCRIPTION: PRODUCT USE: SUPPLIER: ADDRESS:

EMERGENCY TELEPHONE NUMBER

PREPARED BY:

DATE PREPARED:

PSA-2L

488165 Alkoxylated alcohols Component BJ Services Company 5500 Northwest Central Dr Houston TX 77092 (800)424-9300 for CHEMTREC (703)527-3887 for International BJ Services Environmental Group (281)351-8131 July 9, 2001 Supersedes: November 9, 2000

HMIS HAZARD INDEX

HEALTH:	2
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	i

SECTION II - HAZARDOUS COMPONENTS

HAZARDOUS COMPONENTS	CAS #	PERCENT	HAZARD
Poly (oxy-1,2-ethanediyl)	24938-91-8	100	None

SECTION III - FIRE AND EXPLOSION HAZARD DATA

> 300°F (COC) FLASHPOINT (METHOD): UPPER EXPLOSION LIMIT(% BY VOL): N.A. N.A. LOWER EXPLOSION LIMIT(% BY VOL): **AUTO-IGNITION TEMPERATURE:** N.E. Alcohol foam, carbon dioxide, dry chemical, water fog **EXTINGUISHING MEDIA:** Do not enter a fire area without proper protective SPECIAL FIRE FIGHTING PROCEDURES: equipment, including NIOSH/MSHA approved. self-contained breathing apparatus. Use water spray to cool containers exposed to fire. Avoid exposure to vapors. N.E. **EXPLOSION DATA:** HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide

SECTION IV - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: Eye and skin contact

ACUTE OVEREXPOSURE EFFECTS:

SKIN CONTACT:	May cause skin irritation.
SKIN ABSORPTION:	Not expected to be absorbed through the skin under normal conditions.
EYE CONTACT:	Eye contact may cause irritation and redness.
INHALATION:	Not expected to be harmful by inhalation under normal conditions.
INGESTION:	Not considered to be a likely route of exposure, however, may be harmful if swallowed.

CHRONIC OVEREXPOSURE EFFECTS: No known effects

EXPOSURE LIMITS:

HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL
Poly (oxy-1,2-ethanediyl)	N.E.	N.E.

CARCINOGENICITY, REPRODUCTIVE EFFECTS:

IARC has identified EtO as a "human carcinogen (Group 1); human evidence is limited; animal evidence is sufficient". EtO has been listed as an "anticipated carcinogen" by the NTP.

TERATOGENICITY, MUTAGENICITY: No effects listed

TOXICITY STUDIES:

LD(50)	N.E.
LC(50)	N.E.

SECTION V - FIRST AID PROCEDURES

FOR EYES: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, contact a physician.
FOR SKIN: Flush all affected areas with plenty of water for several minutes. Remove and wash any contaminated clothing and shoes. Get medical attention if skin irritation occurs.
FOR INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.

FOR INGESTION: If swallowed, seek medical attention. Only induce vomiting at the instructions of medical personnel. Never give anything by mouth to an unconscious person.

SECTION VI - PHYSICAL DATA

Clear, colorless to amber liquid with mild polyether odor APPEARANCE AND ODOR: 0.98 at 77°F SPECIFIC GRAVITY: VAPOR PRESSURE: N.E. > 1 VAPOR DENSITY (air=1): EVAPORATION RATE: N.A. 485°F BOILING POINT: FREEZING POINT: 24°F SOLUBILITY IN H20: Insoluble 6-8 (5% aqueous solution) pH:

SECTION VII - REACTIVITY DATA

CHEMICAL STABILITY: INCOMPATIBLE MATERIALS: HAZARDOUS POLYMERIZATION: HAZARDOUS DECOMPOSITION PRODUCTS:

Stable Oxidizers, temperature extremes Does not polymerize Carbon monoxide, carbon dioxide

SECTION VIII - SPECIAL/PERSONAL PROTECTION

VENTILATION:	The use of mechanical ventilation is recommended whenever this product is used in a confined space. Where engineering controls are not feasible, assure use is in an area where there is natural air movement.
RESPIRATORY PROTECTION:	As needed use an air purifying, full facepiece respirator with an organic vapor cartridge.
PROTECTIVE GLOVES:	Chemical resistant
EYE PROTECTION:	Goggles
OTHER PROTECTIVE EQUIPMENT:	Eyewash bottles or other rinsing equipment should be easily accessible.

SECTION IX - HANDLING PRECAUTIONS

LEAK AND SPILL PROCEDURES:	Dike or contain spill to prevent material from entering waterways. Pump large spills into salvage containers. Soak up residue or small spills with absorbent pads, clay, or dirt and place in salvage containers.
WASTE DISPOSAL:	If this product becomes a waste, it does not meet the requirements of a RCRA hazardous waste. Always dispose of according to all local/state/ and federal regulations.
HANDLING & SPECIAL EQUIPMENT: STORAGE REQUIREMENTS:	Do not get in eyes, on skin or clothing. Store in a cool, dry, well-ventilated area.

SECTION X - REGULATORY INFORMATION

SHIPPING INFORMATION

PROPER SHIPPING NAME:	Not DOT Regulated
HAZARD CLASS:	N.A.
UN/NA NUMBER:	N.A.
PACKING GROUP W/ "PG":	N.A.
SUBSIDIARY RISK:	N.A.
REPORTABLE QUANTITY (RQ):	N.A.
EMERGENCY RESPONSE GUIDE #:	N.A.

ENVIRONMENTAL INFORMATION

SARA TITLE III

SECTION 302/304

This product does not contain ingredients listed as an Extremely Hazardous Substance. SECTION 311/312 Immediate SECTION 313 This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals.

OTHER REGULATORY INFORMATION

TSCA INVENTORY:	All of the components in this product appear on the TSCA
	inventory.
CALIFORNIA PROP 65:	This product contains trace amounts of ethylene oxide (EtO) and
	1,4-dioxane, chemicals known to the State of California to cause
	cancer and/or birth defects or reproductive harm.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Once printed, the information contained in this document is valid for a period of 45 days from its date stamp. 11/22/2002

Revision: 1

Status: Approved & Released MSDS

Revision History:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	Today
2	All	General revision	07/09/01

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resour Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-138 rces Revised March 17, 1999 Submit Origina Plus 1 Cop to Appropriate District Office
REQUEST FOI	R APPROVAL TO ACCEP	T SOLID WASTE
1. RCRA Exempt: Non-Exempt:]	4. Generator: Conoco Phillips
Verbal Approval Received: Yes	No 🖾	5. Originating Site: 29-6 #301 SWD
2. Management Facility Destination: Enviro Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Riley
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or UL Arriba County	STR) "P" Sec2, T29N, R6W, Rio	Project #96052-010
 B. All requests for approval to accept non-e material is not-hazardous and the Gener approved All transporters must certify the wastes del 	ator's certification of origin. No waste c	lassified hazardous by listing or testing will be
BRIEF DESCRIPTION OF MATERIAL: Sludge from a waste water disposal holdi CWS attached.	ng tank ne (to be entered by the operator at the en	MAR 2003 MAR 2005 MAR 2005 MA
IGNATURE Sandrug R. Jackse Waste Management Facility Authorized		Administrative Assistant DATE: 03/05/03
YPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: (505) 632-0615	
(This space for State Use) APPROVED BY: Denty Feet	T TITLE ENVIRON	Engr DATE: 03/07/03

. . .

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

DIL GONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO B7610 (505) 334-5178 Pak (305)334-6170

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;505 599 3442

GARY E. JOHNSON GOVERNOR

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:		
- CONUCO Phillips	Envirotech-Soil-Remediation-Facility		
5525 HWY 64 FARMINGTON NM	Hilltop, New Mexico		
FARMINGTON 1011			
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):		
San Juan 29-6 #301	SWD 30-039-24807 N. RUW E-289-3 O Arriba County, NM		
Unit P. Sec. 2 TZ9	N. RUW E-287-3		
350' FSL'\$ 350 FEL, R	o Arriba County, NM		
Attach int of only many shoe as propriete			
4. Source and Description of Waste) set 950 BBL		
9.6 0.00	H is a think		
ACAA EXT	mit Est 250 BBL TANK Bettoms		
1, ROBSET A. WIRTANEN representative for:			
Conuco Phillins			
	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)			
1300' IARRIGINIA RALBILLING RALL THE GRAAP ADDM LACK	Waste is: (Check appropriate classification)		
EXEMPT oilfield waste NON-EXE	MPT oilfield waste which is non-hazardous by characteristic r by product identification		
EXEMPT oilfield waste NON-EXE	MPT oilfield waste which is non-hazardous by characteristic r by product identification		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or m	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above.		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or no For NON-EXEMPT waste the following document	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above.		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or m For NON-EXEMPT waste the following document MSDS Information RCRA Hazardous Waste Analysis	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above. ation is attached (check appropriate items):		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or m For NON-EXEMPT waste the following document MSDS Information	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above. ation is attached (check appropriate items):		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or m For NON-EXEMPT waste the following document MSDS Information RCRA Hazardous Waste Analysis	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above. ation is attached (check appropriate items):		
EXEMPT oilfield waste NON-EXE analysis o and that nothing has been added to the exempt or ne For NON-EXEMPT waste the following document MSDS Information RCRA Hazardous Waste Analysis Chain of Custody	MPT oilfield waste which is non-hazardous by characteristic r by product identification on-exempt non-hazardous waste defined above. ation is attached (check appropriate items):		

	- ALA	
Name ((Original Signature):	
Title:	Shenn Supre	
Date:	3-5-03	:
		· · · · · · · · · · · · · · · · · · ·

175

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖾 Non-Exempt: 🗌	4. Generator: Natco
Verbal Approval Received: Yes No C Charlie Perrin 02/28/03	5. Originating Site: Yard
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) 2855 Southside River Road	Project #97018-001

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:

Contaminated dirt and sludge from various locations.

Location list, CWS, and NORMS attached.



Estimated Volume <u>(15 bbl cy</u>) Known Volume (to be entered by the operator at the end of the haul)cy	
SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant	DATE: <u>03/03/03</u>
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	

	·	
(This space for State Use)		
APPROVED BY: Denny Foust	TITLE: Enviro/Engl	DATE: <u>3/06/03</u>
APPROVED BY: Angle	TITLE: <u>geslogist</u>	DATE: 3-6-03



CERTIFICATE OF WASTE STAT

-			and the second secon	
1.	Generator Name and Address:	2.	Destination Name:	Calla Vialling
1	Natco,2855 Southside River RD	1		· · · · · · · · · · · · · · · · · · ·
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	· · · · · · · · · · · · · · · · · · ·		·	
3.	Originating Site (name):	Loci	ation of the Waste (St	reet address &/or ULSTR):
1	Solid generated during the cleaning	of c	il and gas produc	tion .
	eqipment, at Natco,s yard.		1	
1				·
1	Attach list of originating sites as appropriate			
4.	Source and Description of Weste			
1"	Contaminated dirt and sluge, from vari	ous 1	ocations see atta	tched list.
1	Whitemilated wire and stoge, rion ver			· · · · ·
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با	Seffrig 511741-4, Der		·	representative for:
1	National Tank Co. Farmington			the sector as with the state
				do hereby certify that,
	ording to the Resource Conservation and Recover	•		
198	8, regulatory determination, the above described	waste	IS: (Check appropriate d	essification)
XXX				ion-hazardous by characteristic
	analysis or	by pr	oduct identification	
and	that nothing has been added to the exempt or no	n-exe	npt non-hazardous wa	ste defined above.
				المتاريخ الأعاليمية المتنابية ويبي والجامية المتعاوي والم
Før	NON-EXEMPT waste only the following docum	nentat	ion is attached (check	appropriate items):
.,	MSDS Information		Other (descr	
	RCRA Hazardous Waste Analysis			
•	Chain of Custody			
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	. .		**	
N	ne (Original Signature):	10	*	
IN GIT	ne (Original Signature):	· 49		
~ .,	And C. M.			
litle	Asst. Safty		• '	
_			1	
Date	2-27-03		1	

NATCO

TOR

(<u>NATCO</u>)	
±/	· ·
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: March Rock (Noter's yard) Date: 2/27/03	-
Survey instrument model: Lullan 2-98 Last calibrated: 10-25-02	. · ·
Item description: 1-55-sel deun	-
Number of pieces:	<u>-</u>
Location where items originated: Unknown	_
Background reading: uR/hr	-
Highest NORM reading: 20 uR/hr (corrected for background)	
Lowest NORM reading: uR/hr (corrected for background)	
Any samples taken? If so, how many?	_
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
Remarks: Tostal backels from the top of	-
3 - Side along the bassel	
Inspector. Jesse &. Manzanake.	
What is final disposition? Lease listle Place	

100 anuliuo:

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	Sheet1		
	20800		
	WASTE SOLIDS		7
			-
COMPANY	LOCATION	JOB NUMBER	
		73078314	
Conoco	A est Linderth Tent Batt	730 29/11	
Beache			1BBL #1
BPAMOLO	- Florance #125	73026033	
Apache .	Apache #124	7303 3056	- 11
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Page 1

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CERTIFICATE OF WASTE STATUS

1. Generator Name and Address;	2. Destination Name:
Natco,2855 Southside River RD	
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Solid generated during the cleaning	of oil and gas production
eqipment, at Natco,s yard.	
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
Contaminated dirt and sluge, from var	ious locations see attatched list.
1. Jeffrey 511141-fine-	representative for:
(Pont Name,	
National Tank Co. Farrington	do hereby certify that,
	ary Act (RCRA) and Environmental Protection Agency's July,
1988, regulatory determination, the above described	Waste IS: (Check appropriate classification)
·	
XXX EXEMPT oilfield waste NON-EXE	MPT offield waste which is non-hazardous by characteristic
analysis o	r by product identification
and that nothing has been added to the exempt or n	on-exempt pop-hazardous waste defined above.
THE NEW PARTY AND A REAL PROPERTY OF	and the standard (shade a substate isometry)
For NON-EXEMPT waste only the following dacu	
MSDS Information	Other (description):
RCRA Hazardous Waste Analysis	
Chain of Custody	
،	
1	
1 Il Il AM	No.to
Name (Original Signature):	10 min
	$< \checkmark$
Title: Asst. Safty	

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Date: 2-27-03

#2 (<u>NATCO</u>)	· ·
INSPECTION FOR NO.R.M. CONTAMINATION Location: <u>Mark Reck (Meteri Gard)</u> Date: <u>2</u> 27/03	· · ·
Survey instrument model: Letteris (and) Last calibrated: 10-25-02	
Survey instrument model: $\underline{1-uston} = \underline{1-gs}$ Last calibrated: $\underline{1-23-32}$	
Item description: 1- 55-gal deun	, ·
Number of pieces:	· .
Location where items originated: Un known	•
Background reading: UR/hr	
Highest NORM reading:/UR/hr (corrected for background)	•
Lowest NORM reading:	
Any samples taken? If so, how many?	
Pieces inspected	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
	• • •
Remarks: Tested bassels from the top I	• •
- 3 - Side along the backel	
Inspector. Jesse B. Maneruales.	
What is final disposition? Jacy liftle floor and detected	
Released to: Thom it may Concern Date: 2/27/03	

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NATCO	· .
#3	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: March Cheteris Jacob Date: 2/27/03	
Survey instrument model: Ludlon 2-98 Last calibrated: 10-25-02	•
Item description: 1- 55-50 deun	
Number of pieces:	
Location where items originated: Unknown	
Background reading: uR/hr	
Highest NORM reading: uR/hr (corrected for background)	•
Lowest NORM reading:	
Any samples laken? If so, how many?	
Pieces inspected	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	· ,
Remarks: Testel backels from the top 2	-
- 3 - side along the backet	
Inspector Jesse B. Manzanale.	
What is final disposition? Jary little Plarm une detected	. ·
Released to: Ellen it may Concern Date: 2/27/03	

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#4 (NATCO)	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mark Reck (Neteri Jaco) Dale: 2/27/03	• ,
Survey instrument model: Lullun 2-98 Last calibrated: 10-25-02	· ·
Item description: 1- 55-50 deun	
	•
Number of pieces:	
Location where items originated: Unknown	
Background reading: 14.5 uR/hr	
Highest NORM reading: uR/hr (corrected for background)	•
Lowest NORM reading: uR/hr (corrected for background)	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	•
Remarks: Tested balleds from the top I	
- Sidas along the Bassel	
Inspector. Jesse B. Manzauakes.	
What is final disposition? <u>leave little loss une detected</u>	
Released to: Thom it may Concern Date: 2/27/03	

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<u>NATCO</u>	
	-
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: March Rule Matter yeard Date: 2/27/03	• .
Survey instrument model: Lullum 2-98 Last calibrated: 10-25-02	· · ·
Item description: 1- 55-50 deun	
Number of pieces:	
Location where items originated: Unknown	
Background reading: 14.5 uR/hr	
Higheet NORM reading: uR/hr (corrected for background)	
Lowest NORM reading:	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
	,
Remarks: Testel balaces then the tep I	
	. '
Inspector. Jesse & Manzanakes.	
What is final disposition? Leave little low me detected	
Released to: <u>Ilhon it may Concerne</u> Date: <u>2/27/87</u>	

#6 (<u>NATCO</u>)	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mark Carle (Meters fand) Date: 2/27/03	
Survey instrument model: Littlem 2-98 Last calibrated: 10-25-02	-
Item description: 1-53-sel drum	
Number of pieces:	-
Location where items originated: Unknown	
Background reading: UR/hr	
Highest NORM reading: UR/hr (corrected for background)	
Lowest NORM reading:	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
Remarks: Testel backets from the top &	
Sides along the balle	
Inspector. Jesse B. Manzanales.	
What is final disposition? Lery little florm me detected	
Released to: When it may Concern Date: 2/27/07	

#7 NATCO	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mad Rack Materia Vared Date: 2/27/03	
Survey instrument model: Ludlug 2-98 Last calibrated: 10-25-02	•
Item description: 1- 55-gal deun	
Number of pieces:	
Location where items originated: Unknown	
Background reading: uR/hr	
Highest NORM reading: uR/hr (corrected for background)	-
Lowest NORM reading: UR/hr (corrected for background)	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
Remarks: Touted balleds from the top &	
- 3- side along the bassel	
Inspector, Jesse B. Maneruales.	
What is final disposition? Jery little larm une detected	
Released to: Whom it may Concern Date: 2/27/03	

#8 (<u>NATCO</u>)	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mark Rack Materi yeard Dale: 2/27/03	· ,
Survey instrument model: Lullan 2-98 Last calibrated: 10-25-02	, ' '
Item description: 1- 55 set deun	
Number of pieces:	
Location where items originated: Unlensur	
Background reading: uR/nr	
Highest NORM reading: uR/hr (corrected for background)	ľ
Lowest NORM reading:	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	•
Pieces found to have NORM contamination.	· .
Remarks: Testel balache from the top J	
S- Sider along the Barrel	
Inspector. Jesse B. Manzanales.	
What is final disposition? Jery little low was detected	
Released to: allow it may Concern Date: 2/27/03	

7 (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: Mark Back Materia Jand Date: 2/27/03
Survey instrument model: Loudlon 2-98 Last calibrated: 10-25-02
Item description: 1-55-gal aleva-
Number of pieces:
Location where items originated: Carkesar
Background reading: uR/hr
Highest NORM reading:
Lowest NORM reading:
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested backels from the top I
3- Sides along the bassel
Inspector. Jesse B. Manzanales.
What is final disposition? Very little lorn my detected
Released to: Thom it may Concern Date: 2/27/03

#10 NATCO	
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mark Rede Materie Jand Date: 2/27/03	
Survey instrument model: Letter 2-98 Last calibrated: 10-25-02	. ·
Item description: 1- 55 set dreum	
	•
Number of pieces;	
Location where items originated: Unknown	
Background reading: uR/hr	
Highest NORM reading: uP/hr (corrected for background)	
Lowest NORM reading: uR/hr (corrected for background)	
Any samples taken? If so, how many?	
Pieces inspected.	
Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
	•
Remarks: Tested backels from the top &	·
- 3 - Side aleas the barrel	
Inspector. Jesse B. Maneria Res.	
What is final disposition? Jery little Morn me detected	
Released to: Liken it may Concern Date: 2/27/07	

#11 (<u>NATCO</u>)	
	•
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: Mark Rack (Nateri Jard) Date: 2/27/03	
Survey instrument model: Lusliam 2-98 Last calibrated: 10-25-02	. ·
Item description:	
Number of pieces:	
Location where items originated: Che Known	
Background reading: 14.5 uR/hr	
Highest NORM reading:uR/hr (corrected for background)	
Lowest NORM reading: uR/hr (corrected for background)	
Any samples taken? If so, how many?	
Pieces inspected. Pieces found to be free of NORM contamination.	
Pieces found to have NORM contamination.	
	• •
Remarks: Tested ballets from the top I	
	· ·
Inspector Jesse & Manzanales.	
What is final disposition? Very little low we detected	
Released to: Thom it may Cancer Date: 2/27/03	

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# 12 NATCO	·
INSPECTION FOR N.O.R.M. CONTAMINATION	
Location: March Rack (Meters Vared) Date: 2/27/03	
Survey instrument model: Luslian 3-98 Last calibrated: 10-25-02	· ·
lem description: 1-55-50 deum	-
	<u> </u>
Number of pieces:	
Location where items originated: <u>Delesse</u>	~
Background reading: uR/hr	
Highest NORM reading: uR/hr (corrected for background)	,
Lowest NORM reading: uR/hr (corrected for background)	
Any samples taken? If so, how many?	-
Pieces inspected.	
Pieces found to be free of NORM contamination.	-
Pieces found to have NORM contamination.	· ,
Remarks: Tout to be each from the top of	•
3- Sides along the bassel	- ·
	-
	- .
Inspector, Jesse B. Maneruakes.	
What is final disposition? Jery liffle low me detected	
Released to: alton it may Concern Date: 2/27/03	• •

#13 (<u>NATCO</u>)
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: March Rock (Action Jacob Date: 2/27/03
Survey instrument model: Lust calibrated: 10-25-02
Item description: 1-55-sec deum
Number of pieces:
Location where items originated; Unknown
Background reading: uR/hr
Highest NORM reading: uR/hr (corrected for background)
Lowest NORM reading: UR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Touted ballets from the top &
- Sides along the backed
Inspector. Jesse B. Manzanaka.
What is final disposition? Jacy little losm me detected
What is final disposition? <u>Leave liftle losm me detected</u> Released to: <u>Chan it may Concern</u> Dale: <u>2/27/03</u>

#19 NATCO
INSPECTION FOR N.O.R.M. CONTAMINATION
Location: Wash lack (Mated's Vard) Date: 2-27-03
Survey instrument model: Lotton 3-98 Last calibrated: 10-25-02
Item description: 1-55 gal Brown
Number of pieces:
Location where items originated: <u>Unknown</u>
Background reading: UR/hr
Highest NORM reading: <u>26-0</u> uR/hr (corrected for background)
Lowest NORM reading: uR/hr (corrected for background)
Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: Tested hunder from the top & 3-side
alone the batter of the backet
- Mean levels are good up to Q)-times the buck ground which is (29)
Inspector. Jesse Manzanager
What is final disposition? Keen levels are low enough to be disposed of. Released to: Julhom it may loncer Date: _2/27/03
Released to: Juhan it may loncare Date: 2/27/03

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#.15 NATCO
INSPECTION FOR NO.R.M. CONTAMINATION Location: <u>Wash auto (Natura Yand)</u> Date: <u>9-27-03</u> Survey instrument model: <u>Luillon 7-98</u> Last calibrated: <u>10-25-02</u>
Item description:
Background reading: uR/hr Highest NORM reading: uR/hr (corrected for background) Lowest NORM reading: uR/hr (corrected for background) Any samples taken? If so, how many?
Pieces found to be free of NORM contamination. Pieces found to have NORM contamination.
Remarks: Tested backels from the tep t 3-side along the better at the Danel. Masing the better at the Danel. Masing the back good up to (2)-times the back ground which is (29) Inspector: Sese Manzanages
What is final disposition? from levels see low enough to de disposed of Released to: When it may lincera Date: 2/22/07

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Sheet1

		· .	
1	WASTE SOLIDS		
	·		
COMPANY	LOCATION	JOB NUMBER	
Barlington	Hadood SE	173030805	
Burlington	Hunbano# 238	73033073	
Barlinston	Allmaht # 8E	73033758	10.
Burlinston 71093	306 4400	7303 3063	- IBBL
Burlington	Hale #5	73033459	- Hr
Burlinston	Cinder Guida Sul	73033780	
Burdington	Sharp 2A	73030249	
Burlington I 1181	Sgre Holges #2 SJ. 28	73030250	
Burlington T 1200	57.28	73030251	
Burlinston TIDAY	30-64400	73033064	- / BBL
Burlinsten Ca	Riddly 2C	73033763	#3
Burlington	St (am 341	73032262	44)
Burlington	27-4#134	73035639	IBBL #4
Burlinsten	27-5#115	7303 56 42	IBBL \$5
Burlington	27-4#113	73035856	1882 50
Burlington	27-44124	73035654	IBBL #7
Burlington	27-5#63	73035857	IBBL #9
Burlinston	27-5463	7303 5455	1 28BL #9 44
Barlinston	27-4#124	73035641	1BBL #11
Burlinchen	27-4#140	73035660	1882 #12
Burlington	27-5#8	7303 5856	18BL #13
Burlinston	27-5#169DK	73035866	1BBL #14
Barlinsten	28-6#209	73035867	1882 #15
BUT III			
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District 1 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 t<u>rict IV</u> 0 S. St. Francis Dr., Santa Fe, NM 87505

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: Non-Exempt:	4. Generator: Process Equipment and Service Company
Verbal Approval Received: Yes No Denny Foust 10:22am 02/20/03	5. Originating Site: PESCO Main Yard
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) 5680 Highway 64, Farmington	Project #92142

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:

Solids generated from cleaning and refurbishing production storage tanks, separators, dehydrators, and other production equipment.

Certificate of Waste Status and NORMS attached. 2121/03 20152 LFaus S15 buy Elec 915

Estimated Volume 14 boxes cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 02/20/03

сy

TYPE OR PRINT	NAME: Landrea Jackson	TELEPHONE NO: ((505) 632-0615

(This space for State Use)		
	TITLE: Ehvivo/Engr	DATE: 3/06/03
APPROVED BY: And Juli	TITLE: <u>q ealogist</u>	DATE: 3-6-3

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	Jn: 92142
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	1 2003
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CERTIFICATE O	F WASTE STATUS
	and the second s
1. Generator Name and Address:	2. Destination Name:
PESCO	Envirotech Soil Remediation Facility
5680 Highway 64 Farmington, New Mexico 87401	Landfarm #2
	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR):
Process Equipment & Service Company 5680 US Highway 64	Mainyard, stored in 55 gallon drums & 18 Cubic Foot Steel Boxes.
Farmington, New Mexico 87401	e it dute foot steer boxes.
Attech list of originating altes as appropriate	
4. Source and Description of Waste	
 Source and Description of Waste Solids generated from cleaning and ref 	
4. Source and Description of Waste	
 Source and Description of Waste Solids generated from cleaning and ref 	
 Source and Description of Waste Solids generated from cleaning and ref 	
Source and Description of Waste Solids generated from cleaning and ref	
Source and Description of Waste Solids generated from cleaning and ref	
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro	
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name)	duction equipment. representative for:
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name) Process Equipment and Service Company,	duction equipment. representative for: do hereby certify t
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery	duction equipment. representative for: do hereby certify the Act (RCRA) and Environmental Protection Agency's J
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 088, regulatory determination, the above described we	duction equipment. representative for: do hereby certify t Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification)
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 88, regulatory determination, the above described we EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify ti Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 188, regulatory determination, the above described we EXEMPT oilfield waste	duction equipment. representative for: do hereby certify t Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification)
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) <u>Process Equipment and Service Company,</u> cording to the Resource Conservation and Recovery 88, regulatory determination, the above described we EXEMPT oilfield waste	duction equipment. representative for: do hereby certify ti Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 088, regulatory determination, the above described we EXEMPT oilfield waste <u>NON-EXEMP</u> analysis or b	duction equipment. representative for: do hereby certify ti Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described we EXEMPT oilfield waste	duction equipment. representative for: do hereby certify to Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above.
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) <u>Process Equipment and Service Company,</u> cording to the Resource Conservation and Recovery 988, regulatory determination, the above described w. EXEMPT oilfield waste <u>NON-EXEMP</u> analysis or b d that nothing has been added to the exampt or non- r NON-EXEMPT waste only the following document <u>MSDS Information</u>	duction equipment. representative for: do hereby certify to Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above.
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described w EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betoni</u> (Print Name) <u>Process Equipment and Service Company,</u> cording to the Resource Conservation and Recovery 988, regulatory determination, the above described w. EXEMPT oilfield waste <u>NON-EXEMP</u> analysis or b d that nothing has been added to the exampt or non- r NON-EXEMPT waste only the following document <u>MSDS Information</u>	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described w EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described w EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery B8, regulatory determination, the above described w EXEMPT oilfield waste NON-EXEMPT analysis or b d that nothing has been added to the exampt or non- NON-EXEMPT waste only the following document	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Byron Betont</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described with EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro 	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):
4. Source and Description of Waste Solids generated from cleaning and ref separators, dehydrators, and other pro <u>Ryron Betoni</u> (Print Name) Process Equipment and Service Company, cording to the Resource Conservation and Recovery 988, regulatory determination, the above described with EXEMPT oilfield waste	duction equipment. representative for: Inc. do hereby certify th Act (RCRA) and Environmental Protection Agency's J aste is: (Check appropriate classification) T oilfield waste which is non-hazardous by characterist y product identification exempt non-hazardous waste defined above. Intation is attached (check appropriate items):

c idealed weight and prucess equip. & Service: 435-789-2959 P.02

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	NORM SURVEY DATA SHEET
	Facility/location PESCO Date: 2/19/03
	Meter Model: DOSIMETER 3007A Serial No: 9308-238
	Detector Model: DOSIMETER 3012 Serial No: 201-887-7100
	Calibration Date: 08/08/2001
	Battery Check: ()
	Background Radiation Level:mR.hr
	Description of material surveyed: Dil field Waste from Separators, Debydontos Dit tax to tax
	Item / Material Surveyed:
•	Waste Material: <u>234</u> <u>Aperox yals</u> Equipment: Manufacturer:
	Seriai No Description: O.I fuld Waste
	Comments

P.03

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Sumer Conducted by Byron Betoni Under Valler By BE

ENVIROTECH INC.

REVENEED FEB Z 4 2003

Bill of Lading

20152

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE <u>2-21-03</u>

MANIFEST #

JOB # <u>92142-001</u>

LOAD	D COMPLETE DESCRIPTION OF SHIPMENT			TRANSPORTING COMPANY						
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
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1. 										
"I certify and tha	the material hauled from th a second terms of the material hauled from the terms of ter									
NAME	(1300 Dates		COMPANY E	nunde	ch		SIGNATU	RE	<u>1 201</u>	erter
To Re-order Co	atl 326/ '768) or Fax 325-9764 Rare Form P	rinting & Graphics FORM # 0)	_5	796 N	wy let		SIGNATU		D	ATE 2-21-03

, ='	
 District II 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 State of New Mexico Energy Minerals and Natural Resou 	Form C-1 Revised March 17, 19
District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505Santa Fe, NM 87505Santa Fe, NM 87505	Submit Origin Plus 1 Cc to Appropri District Off
REQUEST FOR APPROVAL TO ACCEP	PT SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exempt: 🖾	4. Generator: Halliburton Energy Services
Verbal Approval Received: Yes 🗌 No 🛛	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) 4189 E. Main Street, Farmington	Project #92132-001
 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No wasted approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Continuation of Wash Bay solids. CWS, Reaffirmation, and TCLP dated 6/3/02 attached. al7103 a0460 Facy LFau551F Etuc5494554 	necessary chemical analysis to PROVE the classified hazardous by listing or testing will be sport.
SIGNATURE Andrea R. Ackson TITLE: Environmental Waste Management Facility Authorized Agent	Administrative Assistant DATE: 02/20,
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-061	5
(This space for State Use) APPROVED BY: Server Found TITLE: Environment APPROVED BY: Marty Job . TITLE: Environment	0/Engr DATE: 3/06/0=

<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>Strict IV</u> 20 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Reso Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Submit Original Plus 1 Conv
REQUEST F	OR APPROVAL TO ACCE	PT SOLID WASTE
1. RCRA Exempt: Non-Exempt:		 Generator: Halliburton Energy Services Originating Site: Wash Bay
2. Management Facility Destination: Env Landfarm #2	irotech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U. 87401	S. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or Farmington	ULSTR) 4189 E. Main Street,	Project #92132-001
material is not-hazardous and the Ger approved		necessary chemical analysis to PROVE the classified hazardous by listing or testing will be nsport.
Continuation of Wash Bay solids. CWS, Reaffirmation, and TCLP dated	6/3/02 attached.	· · · · · · · · · · · · · · · · · · ·
Estimated Volume <u>75</u> cy Known Volume	(to be entered by the operator at the end	of the haul)cy
SIGNATURE Handreck R. Jack Waste Management Facility Authoriz		al Administrative Assistant DATE: 02/20/03
TYPE OR PRINT NAME: Landrea Jackso	<u>n</u> TELEPHONE NO: <u>(505) 632-061</u>	<u>.5</u>
(This space for State Use)		
PROVED BY:	TITLE:	DATE:
APPROVED BY:	TITLE:	DATE:

	NEW MEXICO & NATURAL 1 JOHNSON	-		GIL CONSERVATION D AZTEC DISTRICT O 1000 RIO BRAZOS J AZTEC, NEW MEXICO (505) 334-5178 Fax (505)
	RNOR	TIFICATE	OF WASTE S	JENNIFER A. SALIS CABINET SECRET
1 - 40	erator Name and Adds eletourtem & 189 & MOin ammyten	ergyservill Am & 1400	Landfarm #2 Hilltop, New Mexic	
3. Origi	inating Site (name):	y Some try Area s appropriate	Location of the Waste (S	Street address &/or ULSTR):
l, according 1988, reg	to the Resource Cor gulatory determination	(Pfint Name)	ery Act/(RORA) and Enviror waste is: (Check appropriate	
EXE	MPT oilfield waste		MPT oilfield waste which is or by product identification	non-hazardous by characteristic
	I-EXEMPT waste the MSDS-Inform	e following document ation ous Waste Analysis	on-exempt non-hazardous w tation is attached (check ap Other (des	propriate items):
This waste to ¹ 20 NM	e is in compliance with AC 3.1 subpart 1403.	n Regulated Levels of C and D	Naturally Occurring Radioa	ctive Material (NORM) pursuant
	riginal Signature): _ Mäutensi 2-: 7		Cort	

Feb-07-03

08:50

From-HALLIBURTON ENG SVCS

+5053243566



REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characteristic Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

Date of TCLP
Printed Name Coney Cosk
Title / Agency Maniferance Syster TSE
Address 4109 E. Main St
famington NM.
Signature
Date 2-7-03

FOVIRO FCH LOBS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Halliburton Energy Services	Project #:	92132-001
Sample ID:	Wash Bay Sludge	Date Reported:	06-06-02
Lab ID#:	22848	Date Sampled:	06-03-02
Sample Matrix:	Soil	Date Received:	06-03-02
Preservative:	Cool	Date Analyzed:	06-04-02
Condition:	Cool and Intact	Chain of Custody:	9938

Parameter	Result
IGNITABILITY:	Negative
CORROSIVITY:	Negative pH = 7.72
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:

Analyst

4109 E. Main.

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RRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

.: PA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

		Detection	Degulatera
Condition:	Cool & Intact	Analysis Requested:	TCLP
Preservative:	Cool	Date Analyzed:	06-07-02
Sample Matrix:	TCLP Extract	Date Extracted:	06-04-02
Chain of Custody:	9938	Date Received:	06-03-02
Laboratory Number:	22848	Date Sampled:	06-03-02
Sample ID:	Wah Bay Sludge	Date Reported:	06-07-02
Client:	Halliburton Energy Services	Project #:	92132-001

	Detection	Regulatory
Concentration	Limit	Limits
(mg/L)	(mg/L)	(mg/L)
ND	0.0001	0.2
ND	0.0001	0.7
ND	0.0001	200
ND	0.0001	6.0
ND	0.0001	0.5
ND	0.0001	0.5
ND	0.0001	0.5
ND	0.0003	0.5
ND	0.0005	0.7
ND	0.0003	100
ND	0.0002	7.5
	(mg/L) ND ND ND ND ND ND ND ND ND ND	Concentration Limit (mg/L) ND 0.0001 ND 0.0003 ND 0.0005 ND 0.0003

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:

Analyst

- NV ROTECH _ ABS

EPA METHOD 8040 PHENOLS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Client:	Halliburton Energy Services	Project #:	92132-001
Sample ID:	Wash Bay Sludge	Date Reported:	06-07-02
Laboratory Number:	22848	Date Sampled:	06-03-02
Chain of Custody:	9938	Date Received:	06-03-02
Sample Matrix:	TCLP Extract	Date Extracted:	06-04-02
Preservative:	Cool	Date Analyzed:	06-07-02
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.

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

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note:

Comments:

Analyst

Walter Review

LAV ROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	Halliburton Energy Services	Project #:	92132-001
Sample ID:	Wash Bay Sludge	Date Reported:	06-07-02
Laboratory Number:	22848	Date Sampled:	06-03-02
Chain of Custody:	9938	Date Received:	06-03-02
Sample Matrix:	TCLP Extract	Date Extracted:	06-04-02
Preservative:	Cool	Date Analyzed:	06-07-02
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

101%

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:

Analyst

Walters Nis tin Review

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PRACTICAL SOLUTIONS FOR A BEITER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	Halliburton Energy Services	Project #:	92132-001
Sample ID:	Wash Bay Sludge	Date Reported:	06-06-02
Laboratory Number:	22848	Date Sampled:	06-03-02
Chain of Custody:	9938	Date Received:	06-03-02
Sample Matrix:	TCLP Extract	Date Analyzed:	06-06-02
Preservative:	Cool	Date Extracted:	06-04-02
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

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

			•
Arsenic	ND	0.001	5.0
Barium	0.880	0.001	100
Cadmium	ND	0.001	1.0
Chromium	0.047	0.001	5.0
Lead	0.479	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:

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

Enviro ECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	06-07-02
Laboratory Number:	06-07-TCV	Date Sampled:	N/A
Sample Matrix:	Water	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-07-02
Condition:	N/A	Analysis Requested:	TCLP
	·	Detection	Regulatory
	Concentration	Limit	Limits
Parameter	(mg/L)	(mg/L)	(mg/L)
Vinyl Chloride	ND	0.0001	0.2
1,1-Dichloroethene	ND	0.0001	0.7
2-Butanone (MEK)	ND	0.0001	200
Chloroform	ND	0.0001	6.0
Carbon Tetrachloride	ND	0.0001	0.5
Benzene	ND	0.0001	0.5
1,2-Dichloroethane	ND	0.0001	0.5
Trichloroethene	ND	0.0003	0.5
Tetrachloroethene	ND	0.0005	0.7
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 22848.

Analyst

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BRACHICAL SOLUMONS FOR A ELEMTER MOMORROW

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	06-07-02
Laboratory Number:	06-04-TCV	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-07-02
Condition:	N/A	Date Extracted:	06-04-02
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria	Parameter	Percent Recovery	
	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 22848.

Analyst

Review

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

- NVIRO COH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

PA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	06-07-02
Laboratory Number:	22848	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP	Date Analyzed:	06-07-02
Condition:	N/A	Date Extracted:	06-04-02

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

ND - Parameter not detected at the stated detection limit.

References:

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

Comments:

QA/QC for sample 22848.

Analyst

Walters Wister Review

- NVIROT- OH _ ABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

.PA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

Client: Sample ID: Laboratory Number: Sample Matrix: Analysis Requested: Condition:	QA/QC Matrix Spike 22848 TCLP Extract TCLP N/A		ŭ	Project #: Date Reporte Date Sample Date Receive Date Analyze Date Extracte	ed: ed: ed:	N/A 06-07-02 N/A N/A 06-07-02 06-04-02
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 1,1-Dichloroethene 2-Butanone (MEK) Chloroform Carbon Tetrachloride Benzene 1,2-Dichloroethane Trichloroethene Tetrachloroethene Chlorobenzene 1,4-Dichlorobenzene	ND ND ND ND ND ND ND ND ND ND ND	0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050 0.050	0.0495 0.0494 0.0490 0.0500 0.0490 0.0495 0.0495 0.0495 0.0495 0.0495 0.0495	0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0003 0.0005 0.0003 0.0003 0.0002	99% 98% 100% 98% 99% 98% 99% 99% 99% 99%	28-163 43-143 47-132 49-133 43-143 39-150 51-147 35-146 26-162 38-150 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 22848.

Analyst

Review

- AVIROTEON LABS

PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

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Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	06-07-02
Laboratory Number:	06-07-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	06-07-02
Condition:	N/A	Analysis Requested:	TCLP
Analytical Results	· · ·	Detection	Regulatory
·	Concentration	Limit	Limit
Parameter	(mg/L)	(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
		0.020	400
2,4,5-Trichlorophenol	ND ND	0.020	400

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.

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

Note:

Comments:

QA/QC for sample 22848.

Analyst

m Walter "hristne Review

- NV ROTEOH 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:	06-07-02
Laboratory Number:	06-04-TCA	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	06-04-02
Condition:	Cool & Intact	Date Analyzed:	06-07-02
		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:		•	Percent Recovery
	•		99% 99%
	-		st Methods for Evaluating Solid
			st Methods for Evaluating Solid
Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.			
Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992.			
QA/QC for sample 22848.			
e.Qi	un_	Review	tin my Walters
	Method 131 Waste, SW- Method 351 Waste, SW- Method 804 Regulatory I	2-Fluoroph 2,4,6-Tribro Method 1311, Toxicity Characteris Waste, SW-846, USEPA, July 199 Method 3510, Separatory Funnel Waste, SW-846, USEPA, July 199 Method 8040, Phenols, Test Meth Regulatory Limits based on 40 CF	2-Fluorophenol 2,4,6-Tribromophenol Method 1311, Toxicity Characteristic Leaching Procedure Ter Waste, SW-846, USEPA, July 1992. Method 3510, Separatory Funnel Liquid-Liquid Extraction, Te Waste, SW-846, USEPA, July 1992. Method 8040, Phenols, Test Methods for Evaluating Solid Wa Regulatory Limits based on 40 CFR part 261 subpart C sectio QA/QC for sample 22848.

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ENVIROTEOH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QĆ	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	06-07-02
Laboratory Number:	22848	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	06-04-02
Condition:	Cool & Intact	Date Analyzed:	06-07-02
	-	Analysis Requested:	TCLP

	Sample Result	Duplicate Result	Detection Limit	Percent
Parameter	(mg/L)	(mg/L)	(mg/L)	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 C Waste, SW-846, USEPA	haracteristic Leaching Procedure Tes A, July 1992.	t Methods for Evaluating Solid
	Method 3510, Separator Waste, SW-846, USEPA	y Funnel Liquid-Liquid Extraction, Tes , July 1992.	t Methods for Evaluating Solid
	Method 8040, Phenois,	Test Methods for Evaluating Solid Was	ste, 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	22848.	
Analyst	- C. aplum	<u>Aristi</u> Review	n my Walters
Analyst		Review	<u>a rij lande</u>

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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:	06-07-02
Laboratory Number:	06-07-TBN	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	06-07-02
		Analysis Requested:	TCLP
· · · · · · · · · · · · · · · · · · ·		Det.	Regulatory
Parameter	Concentration (mg/L)	Limit (mg/L)	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 22848.

Analyst

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BRACTICAL SOLUTIONS FOR A BEIMERTOMORROW

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:	06-07-02
Laboratory Number:	06-04-TBN	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	06-04-02
Condition:	Cool and Intact	Date Analyzed:	06-07-02
		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	Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992.								
	Method 3510, Separat	ory Funnel Liquid-Liquid Extraction, S	W-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 22848.

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PRACTICAL SOLUTIONS FOR A PETTER TOMORROW

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:	06-07-02	
Laboratory Number:	22848	Date Sampled:	N/A	
Sample Matrix: TCLP Extract		Date Received:	N/A	
Preservative:	N/A	Date Extracted:	06-04-02	
Condition:	N/A	Date Analyzed:	06-07-02	
		Analysis Requested:	TCLP	

	Sample	Duplicate		Det.	
Parameter	Result	Result	Percent	Limit	
	(mg/L)	(mg/L)	Difference	(mg/L)	
Pyridine	ND	ND	0.0%	0.020	
Hexachloroethane	ND	ND	0.0%	0.020	
Nitrobenzene	ND	ND	0.0%	0.020	
Hexachlorobutadiene	ND	ND	0.0%	0.020	
2,4-Dinitrotoluene	ND	ND	0.0%	0.020	
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:	· · · · · · · · · · · · · · · · · · ·	Characteristic Leaching Procedure, S ry Funnel Liquid-Liquid Extraction, SN	· · · · ·				
	Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986.						
Note:	Regulatory Limits based	l on 40 CFR part 261 Subpart C secti	ion 261.24, July 1, 1992.				

Comments:

QA/QC for sample 22848.

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMORRON

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

Acceptance

Client:	QA/QC	Project #:	N/A
Sample ID:	06-06-TCM QA/QC	Date Reported:	06-06-02
Laboratory Number:	22848	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Analysis Requested:	TCLP Metals	Date Analyzed:	06-06-02
Condition:	N/A	Date Extracted:	06-04-02

Blank & Duplicate	· · · · · · · · · · · · · · · · · · ·	Method	Contraction Sectors	n Sample	e Duplicate		Acceptance
Conc. (mg/L)	Blank ND	Blank ND	Limit. 0.001	ND	ND	Difference 0.0%	Range 0% - 30%
Barium	ND	ND	0.001	0.880	0.878	0.2%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.047	0.046	2.1%	0% - 30%
Lead	ND	ND	0.001	0.479	0.476	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	ND	ND	0.0%	0% - 30%

Spike Sample Spiked

	/,daed		Sample	Recovery	Range
Arsenic	0.500	ND	0.498	99.6%	80% - 120%
Barium	0.500	0.880	1.37	99.3%	80% - 120%
Cadmium	0.500	ND	0.499	99.8%	80% - 120%
Chromium	0.500	0.047	0.546	99.8%	80% - 120%
Lead	0.500	0.479	0.977	99.8%	80% - 120%
Mercury	0.050	ND	0.049	98.0%	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:

Spike

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:

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Analyst

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CHAIN OF CUSTODY RECORD

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Client / Project Name Project Location			ANALYSIS / PARAMETERS																		
HAILIburton ENER	HALLIBURTON ENErgy Services 4109 E Main St					Δ									 .						
Sampler: Client No.			2132-001		No. of	100		132-001		2132-001		17CC P							Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		No. of Containers	F J													
Wasn Bar Sludge	62.3.02	12:50	22848	<	Soil		l	~													
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ENVIROTEC: INC

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MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401 DATE 2-07-03 JOB # 92132

LOAD	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPC	RTING C	COMPA	 νΥ	
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	
1	Haliburton P.F	Ew LED	Cont Que	517	18		Emisteh	549		nould
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3	2	ζ		517	18		<u> </u>	549		muth
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and that	the material hauled from th t no additional materials hav	e been added."		to or mixe	L	l is the s		-	he abov	ve mentioned Generator,
NAME	oll 32 (7768) or Fox 325-9764 RARE FORM P	tinting & Graphics FORM # 01	. Company)		SIGNATU	KE?	с «	DATE <u>2-7-03</u>

District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 000 Rio Brazos Road, Aztec, NM 87410 Strict IV 20 S. St. Francis Dr., Santa Fe, NM 87505 Strict IV 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:	4. Generator: El Paso Field Services						
Verbal Approval Received: Yes 🗌 No 🖾	5. Originating Site: Burlington Kelly #1 Well						
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) "H" Sec. 35, T30N, R10W, San Juan County	Project #97057-077						
 9. <u>Circle One</u>: 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 contaminated with hydrocarbons and produced water. CWS attached. 2120/03. 203/05. 1000 LF2U5 RU MDAN 							
2/20/03 20365 10 cy LF2US R6 MOSA MAR 2003 DIST. 3 Estimated Volume (to be entered by the operator at the end of the haul) 10 cylinded data							
SIGNATURE Landrea R. Actor TITLE: Environmental Administrative Assistant DATE: 02/20/03 Waste Management Facility Authorized Agent							
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615							
(This space for State Use) APPROVED BY: Demp Keist TITLE: <u>Fnirof</u> APPROVED BY: <u>A</u>	<u>Engr</u> DATE: <u>3/06/03</u> 0-9157 DATE: <u>3-6-3</u>						

97057-077

CERTIFICATE OF WASTE STATUS

. Generator Name and Address	2. Destination Name:							
El Paso Field Services Co. 614 Reilly Avenue Farmington, NM 87401	Envirotech Soil Remediation Facility Landfarm #2 Hilltop, New Mexico							
3 Originating Site (name):	ginating Site (name): Location of Waste (Street address &/or ULSTR):							
Burlington Kelly #1 Well	Unit H, Sec. 35, T30N, R10W, San Juan Co., NM							
	23456							
Attach list of originating sites as appropriate . Source and Description of Waste								
Soil contaminated with hydrocarbons and	produced water.							
David Bays	representative for							
(Print Name)	representative for							
El Paso Field Servin iccording to the Resource Conservation and 988 regulatory determination, the above des EXEMPT Oilfield waste and that nothing has been added to the exem	Recovery Act (RCRA) and Environmental Protection Agency's July, cribed waste is: (Check appropriate classification) NON-EXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product Identification							
or NON-EXEMPT waste only, the following of MSDS Information RCRA Hazardous Waste A Chain of Custody	documentation is attached (check appropriate items): Other (description)							
Name (Original Signature):	uid Bay							
Title: Princi	pal Environmental Scientist							

ENVIROTECH INC.

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Bill of Lading

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365 DATE 2-20-03 JOB # 97057-77-

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PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	COMPLETE DESCRIPTION OF SHIPMENT					TRANSPORTING COMPANY				
NO.		DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
ĺ	Kelly # 1/EL Paso	LF#2	Contam Pirt	R-le	10		MOSS EXCU,		11.54	Lee mos
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and tha	y the material hauled from th t no additional materials hav	he above location he been added."				l is the s	ame material receiv	ed from	the abov	re mentioned Generator,
, NAME	THEO NEZ		_ COMPANY <u>E</u>	NIROT	ECH		SIGNATU	RE 🥭	then	my
, To Re-order C	all 324 7768) or Fox 325-9764 RARE FORM 1	Printing & Graphics FORM # 01)			in and street a		ATE 2=20-03

District State of New Mexico Form C-138 1625 N. French Dr., Hobbs, NM 88240 **Energy Minerals and Natural Resources** District II Revised March 17, 1999 1301 W. Grand Avenue, Artesia, NM 88210 Submit Original District III **Oil Conservation Division** 2000 Rio Brazos Road, Aztec, NM 87410 Plus 1 Copy 1220 South St. Francis Dr. strict IV to Appropriate District Office .20 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE** 4. Generator: El Paso Field Services 1. RCRA Exempt: Non-Exempt: 5. Originating Site: Manzanares Verbal Approval Received: Yes \square No 🖾 **Compressor Station** 2. Management Facility Destination: Envirotech Soil Remediation Facility, 6. Transporter: TBA Landfarm #2 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 8. State: New Mexico 87401 7. Location of Material (Street Address or ULSTR) Sections 16 & 17, T29N, Project #97057-078 R9W, SJC 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 contaminated with produced water and hydrocarbons. CWS attached. See attached client tracking (log. 1,188 cy Known Volume (to be entered by the operator at the end of the haul) Estimated Volume 300 cv TITLE: Environmental Administrative Assistant DATE: 02/20/03 SIGNATURE aste Management Fasility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)			
APPROVED BY: Denny	Fourt TITLE:	Enviro/Engl	DATE: 03/06/03
APPROVED BY:	TITLE:	aportogist	DATE: 3-6-03
A	<u> </u>		

1 · · · · · · · · · · · · · · · · · · ·			97057-078
т . С,	CERTI	FICATE OF WASTE STATUS	6
1. Gene	erator Name and Address:	2. Destination Name:	······································
	El Paso Field Services Co. 614 Reilly Avenue Farmington, NM 87401	Envirotech Soil Remediatio Landfarm #2 Hilltop, New Mexico	on Facility
3. Origin	nating Site (name):	Location of Waste (Street address &/or Ul	_STR):
Manzan	ares Compressor Station	Sections 16 & 17, T29N, R9W, Sa	n Juan Co., NM
4. Sourc	ist of originating sites as appropriate e and Description of Waste taminated with produced water	and hydrocarbons.	MAR 2003
	· ·		
<u>ا,</u>	David Bays (Print Name)	repres	entative for C 22120261 alla
1988 reg	ulatory determination, the above d	nd Recovery Act (RCRA) and Environmental Pro lescribed waste is: (Check appropriate classification) NON-EXEMPT oilfield waste which is no characteristic analysis or by product ide	otection Agency's July, on-hazardous by
		empt or non-hazardous waste defined above.	e items):
·	MSDS Information RCRA Hazardous Waste	e Analysis	·
Name	(Original Signature):	Javid Bag	
Title:	Prir	ncipal Environmental Scientist	
Date:	Feb	oruary 20, 2003	
			. •

HILLTOP, I	CH SOIL REMEDIA NEW MEXICO ACKING LOG		RCE OF C		EPJS Manzaries Broducid u	ating
DATE		# QUANTITY		ATION PLACED DFARM & CELL)	HAULER & TRUCK #	Carbono Is project Complete?
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ENVIROTECH INC.

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MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401 DATE 3-13-03 JOB # 970-57 078

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Bill of Lading

LOAD	COM	PLETE DESCRIPT	ION OF SHIPMEN	JT			TRANSPO	RTING	COMPAN	IY
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	EPFS MANZAMAYES COMP.	Envirorech L.F. #2	contan. Soil	0-24	18		TRUCKING DAWN	364	8.20	Bhing
2	17	(1		0-24	18		DAWN TRUCKIN	360	835 A	adella
3	<i>l</i> 1	11		0-23	18		DAWN	367	8:40	A Rain
4	<u>j</u> (/1	1 '	0-23	15		DAWN	307	8.45	Thank Ant
5	11	!'	<u>ا</u> ۱	0Z3	13		PAUN	318	8.50	Hanison Dito
6	1) //	× 11	<u> </u>	0-23	18		Dawn	364	10:15	Bland
_7	MANZANAR2S COMP	ENU ROTECH	DIRT	622	18		PAWN	360	10:20	JAUL
4	ί ν	<i>j</i> 1	1 1	0-22	18		PAUN	367	10:44	& Ram
9	<u>ر</u> ۱	1 •	11	0-21	15		PAUN	307	10:45	Thave Austo
16	11	ENVIRATES	1.	0-21	18		DAWN	318	10:5%	Hamin Dif
11	i (L,F=== 2	CONTADIRT	0-23	18		DAWN	364	11:45	Bat
12	11	L, F#2	DIRT	0-23	18		PAWN	366	12:00	John Brien
13	MANZARES COMP	LIF-2	Conta í DÍRÍ	0-22	18		DAWN	360	12:50	KOPDC
14	COMP	L.F-2	CONTA SOIL	0-22	112	J.	DAWN	307	12:2%	Shore Auste
"I certify and that	"I certify the material hauled from the above location has not been added and that no additional materials have been added."			d to or mixe	d with, and	l is the sa	ame material receive	ed from	the abov	e mentioned Generator,
NAME	MIKE HOYT		COMPANY EA	IVIROTE	-c [t		SIGNATUI	RE 22	h	Hoy
To Re-order C	Re-order Call 3 T (7768) or Fax 325-9764 RARE FORM Printing & Graphics FORM # 01									

E IVIROTECH IC

RECEIVED MAR 1 4 2003

Bil of _ading MANIFEST #

20353

DATE 3-13-03 JOB # 97057-075

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PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	COMPLETE DESCRIPTION OF SHIPMENT					TRANSP	ORTING	COMPAN	١Y	
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	El Pasa Barrow	Mahzahenes Sp:11	F111		20		Dawn	364		
2							<u> </u>	360		· · ·
3								307		· ·
<u> </u>								367		
5								3/8	940	
6								364	1050	
7								340	1110	
8								307	1	
9								318	1140	
10								364	1225	-
-/				ELCTI			2003	360		
12				EN	1.2 ··· ·			366	1250	2
									13.05	
									1325	
"I certif and tha	y the material hauled from that no additional materials ha	he above location have been added."	as not been adde	d to or mix	ed with, an	d is the s	ame material rece			
NAME		terton	COMPANY	in wet	el_		SIGNAT	URE	n k	Att
To Re-order (Re-order Call 322 (7768) or Fox 325-9764 RARE FORM Printing & Graphics FORM # 01					DATE <u>3-13-03</u>				

OTECH INC.

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RECEIVED MAR 1 4 2003 **Bill of Lading**

MANIFEST #	20354
WANFEST #	

5 1 3

97057-078

PHON	E: (505)6	32-0615 • 579	96 U.S. HIGHWAY (64 • FARMINGTO	ON, NEW M	EXICO 87	7401	DATE <u>3 · 1</u>	5-03	JOB	# <u>47057-073</u>	
LOAD		COM	PLETE DESCRIPTI	ION OF SHIPME	NT	- -	1	TRANSPORTING COMPANY				
NO.	POINT		DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE	
15	EPFS	Barrow Pit	Mainzanoses 5p.//	£11		20		Dawn	364	1350		
16									360	1420		
17		[· /					318			
18		<u> </u>							366		· · · · · · · · · · · · · · · · · · ·	
19		<u>}</u>						(307	1505		
20						<u>_</u>			364	1520		
		(1									
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and tha	the materia t no additior	al hauled from ti nal materials ha	he above location h ve been added."		~	ked with, a	and is the s		5	the abov	ve mentioned Generator,	
NAME	<i> e</i>	il lein	Teltor	COMPANY	the 1200	terk.		SIGNA	TURE,	Al m	2,12 = 1	
To Re-order C	ati 3; (7768) or	Fax 325-9764 RARE FORM	Printing & Graphics FORM # 01)				[DATE 5-3-03	



Bill of Lading

97*057-078* 12833

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

DATE 03-13-03

JÓB #

MANIFEST	COMPLETE DESCRIPTION OF SHIPMENT				TRANSPORTING COMPANY					
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	NAPI Ling FREDLOT	IELPASO MANZENAR	S MENURE		20		ENVIROTER	5419		Rolalps
2	11 11 17	11 11	11		20		ENVIROTECH	549		Babalpy
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"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."

COMPANY __

ENVIROTECH

SIGNATURE ROLAND

DATE 03

3-03

NAME

V ROTEC: I INC.

20386

DATE 3

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST #

DATE 3-14-03 JOB # 97057-078

	PLETE DESCRIPT	TRANSPORTING COMPANY MAR 1 7 2003							
POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
ECPASO MANZAROS COMP	ENVIROTECH LIF. 2	CONT DIRT	0-24	18	BER	DAWN	360	8.A	MARK
ELPASO MANZARES COMP	LIF#2	DIRT	0-24	18	2	PAWN	317	8:15 A	Defri Zi
manna and and	LIFTZ	Vint	0-23	18		DAWN	318	8:25	Harmon Dit
manerines comp	L.F#2	Dint	0-22	18		DAUN	364	9:25	ElanDuzer
manzamer com	LIF.#2	pint	0-24	18		DAWN	360	10:00	
mannanes come	$L,F^{\pm 2}$	Int	0-24	18		DAWN	317	A	De -
manzares comp	LIF.#Z	Oint	0-23	18		PAWN	318	10:19	Hamin Dite
manerer comp	LIFZ	Dint	0-24	18		PAUN	307	11:74	Share Auto
LPASo Comp	L.F#2	Dint	0-24	18		DAWN	317	117	Fill 2
manzenin com	LIF=2	pint	0-24	18		DAWN	364	11.2	Cargo Durop
ELPASO MANZMALSCOMP	LIF#2	Quit	0-20	18		PANN	360	11:35	JUNA .
MANZARZA COMP	L, F, Z	Dist	0-23	18		DAWN	318	12:1	Harrison Jon
	L.F # 2	Dint	0-22	18		DAUN	317	1:/A	DE
manana Comp		Derit	0-21	18		DAWN	364	11%	Engline
"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 Genera and that no additional materials have been added."								ve mentioned Generator,	
MIRE HOYT		COMPANY E	NVIROTE	C [4	· ·	SIGNATU	JRE 🦪	nih	Hort
	ELPASO MANZARES COMP ELPASO MANZARES COMP ELPASO MANZENEL COMP ELPASO MANZARES COMP ELPASO	ELPASO MANZARS COMPLIE. Z ELPASO MANZARS COMPLIE Z ELPASO MUNICIPAL COMPLIE Z ELPASO MUNICIPAL COMPLIE Z ELPASO MUNICIPAL COMPLIE Z ELPASO MANZARS COMPLIE Z The material hauled from the above location h no additional materials have been added."	ELPASO MANZAREL COMP LIF Z DIRT ELPASO $MANZAREL COMP LIF Z DIRT ELPASO Manzene Comp LIF Z DIRT ELPASO MANZAREL Comp LIF Z DIRT$	ELPASO MANZAR-S COMP LIF 2 DIRT 0-24 ELPASO MANZARES COMP LIF # 2 DIRT 0-24 ELPASO MANZARES COMP LIF # 2 DINA 0-23 MANZARES COMP LIF # 2 DINA 0-23 ELPASO MANZARES COMP LIF # 2 DINA 0-24 ELPASO MANZARES COMP LIF # 2 DINA 0-20 MANZARES COMP LIF # 2 DINA 0-22 MANZARES COMP LIF # 2 DINA 0-22 MANZARES COMP LIF # 2 DINA 0-20 MANZARES COMP LIF # 2 DINA 0-20 MANZARES COMP LIF # 2 DINA 0-22 MANZARES COMP LIF # 2 DINA 0-22	$ \begin{array}{c} ELPASO \\ mANZARES COMP LIF. 2 DIRT 0-24 18 \\ ELPASC \\ mANZARES COMP LIF # 2 DIRT 0-24 18 \\ ELPASC \\ mANZARES COMP LIF # 2 DIR 0-23 18 \\ ELPASC \\ manzenes comp LIF # 2 Dinl 0-23 18 \\ ELPASC \\ manzenes comp LIF # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzenes comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzene comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzene comp LIF. # 2 Dinl 0-24 18 \\ ELPASC \\ manzene comp LIF. & Comt 0-24 18 \\ ELPASC \\ manzene$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	POINT OF ORIGINDESTINATIONMATERIALGRIDYDSBBLSCOMPANYECPASOENVIRATECHCONT0-2418DAWNECPASOCONT0-2418DAWNECPASOCONT0-2418DAWNECPASOCONT0-2418DAWNECPASOCONT0-2318DAWNECPASOCONT0-2318DAWNECPASOCONT0-2318DAWNMUNCAULA COMPL.F*ZDINT0-2418MUNCAULA COMPL.F*ZDINT0-24 <td>POINT OF ORIGIN DESTINATION MATERIAL GRID YDS BBLS COMPANY TRK# ELPASS MANZARLL COMP LIF 2 DIRT 0-24 18 DAWN 36C ELPASS MANZARLL COMP LIF # 2 DIRT 0-24 18 DAWN 317 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 318 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 367 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 317 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 317 ELPASS</td> <td>POINT OF ORIGINDESTINATIONMATERIALGRIDYDSBBLSCOMPANYTRK#TIMEELPASSEMVILATECHCONT0-2418DAWN3608.1%MANZARLSCOMP$L_1F.2$DIRT0-2418DAWN3178.1%MARZARLSCOMP$L_1F.2$DIRT0-2418DAWN3178.1%MARZARLSCOMP$L_1F.2$DIRT0-2418DAWN3178.1%MARZARLSCOMP$L_1F.2$Dirt0-2418DAWN3649.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN3649.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN36010.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN36010.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN36010.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN31710.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN31711.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN31711.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN31711.1%MARCALLSCOMP$L_1F.2$Dirt0-2418DAWN31711.1%MARCALLSCOMP$L_1F.2$Dir</td>	POINT OF ORIGIN DESTINATION MATERIAL GRID YDS BBLS COMPANY TRK# ELPASS MANZARLL COMP LIF 2 DIRT 0-24 18 DAWN 36C ELPASS MANZARLL COMP LIF # 2 DIRT 0-24 18 DAWN 317 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 318 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 364 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-24 18 DAWN 367 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 317 ELPASS MUNCAULL COMP LIF # 2 DIRT 0-22 18 DAWN 317 ELPASS	POINT OF ORIGINDESTINATIONMATERIALGRIDYDSBBLSCOMPANYTRK#TIMEELPASSEMVILATECHCONT0-2418DAWN3608.1%MANZARLSCOMP $L_1F.2$ DIRT0-2418DAWN3178.1%MARZARLSCOMP $L_1F.2$ DIRT0-2418DAWN3178.1%MARZARLSCOMP $L_1F.2$ DIRT0-2418DAWN3178.1%MARZARLSCOMP $L_1F.2$ Dirt0-2418DAWN3649.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN3649.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN36010.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN36010.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN36010.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN31710.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN31711.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN31711.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN31711.1%MARCALLSCOMP $L_1F.2$ Dirt0-2418DAWN31711.1%MARCALLSCOMP $L_1F.2$ Dir

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Bill of Lading

20366 MANIFEST #

DATE 3-14-03

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

TRANSPORTING COMPANY LOAD COMPLETE DESCRIPTION OF SHIPMENT POINT OF ORIGIN TRK# TIME DRIVER SIGNATURE NO. DESTINATION MATERIAL GRID YDS BBLS COMPANY ELPASO ENVIROTECH cont 18 15 1:10m DAWN 0-21 Than Anote Dent 307 F* 2 MANZARLE COM ELPASO Cont 8 0-21 360 6 and DAWN # 2 Canle wet com ELPASE cont 7 ECPASO Comp L.F#Z 0-20 8 318 DAWN Dint cont 8 , 8 DAWN 0-24 LIF. Z pint 31 MANZARAS COMP FCPASO cont 19 18 DAWN 30 LIF. Z 0-24 pint MANZANISCOMP ELPASO Cont 20 DAWN pint 18 360 まこ 0-24 MANZARIS CUMP ELPASE Cont 21 MANZANS COMP 364 Pint 8 # 7 0-23 DAWN sF. cont 22 8 DAWN 0-28 318 +2 Pint MANZAR COMP ELPASO cont 8 0-23 Dint AWN 23 317 2 mancine iom ELDASO Cont hitto #2 307 NAWN 24 0-23 18 mantanes como Cont EL PASO JAW N 360 4 25 18 Dict maner and 0-22 ELPASO Cont AWN 369 18 26 Dint 0-22 mondenes com 27 37 RECEIVED MAR 1 7 2003 28 "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." SIGNATURE Decker He COMPANY ENVIROTect

NAME MIKE HOYT

To Re-order Call 3/

' (7768) or Fax 325-9764 RARE FORM Printing & Graphics FORM # 01

DATE 3-14-05

JOB # 97057-078

ENVIRO ECH INC.

Bil of Lading

20355

DATE 3-14-03 JOB # 97057-075

s.,

MANIFEST #

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	CON	IPLETE DESCRIPT	ION OF SHIPME	NT			TRANSPORTING COMPANY			
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
1	EPFS Barrow	manzaiones Spill	F.11		20		Dawh	307	800	
2				.*.				360		
.3								317	900	
1				. 				318	905	
5								364	1020	
Le .				_			· ·	317		
7.								360	1040	
8				•				318	1100	
9								317	1205	
10								364	1215	الب ال
1								307		
12	ŕ							360	1220	2
								318	1310	
									1340	
"I certif	y the material hauled from at no additional materials ha	the above location have been added."	as not been adde	ed to or mixe	ed with, an	d is the sa	ame material rece			e mentioned Generator,
NAME		V sh	COMPANY				SIGNAT	URE		
To Re-order C	call 32/ ⁻ (7768) or Fax 325-9764 RARE For	M Printing & Graphics FORM # 01		r . I)				D	

FOVIROTECH IC C.

B'll of Lading

20356

DATE 3-14-03 JOB # 97057-078

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

MANIFEST #

LOAD	COMPLETE DESCRIPTION OF SHIPMENT							TRANSPORTING COMPANY				
NO.	POINT	OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE	
15	EPFS	Barrow	manzares Spill	clean fill		20		Dawn	307	1350	·	
17				· · · · · · · · · · · · · · · · · · ·	•.	· · · · · · · · · · · · · · · · · · ·			360	1355	· ·	
18									364			
-9		· ·							318	1510		
20									317	1520		
21									307		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
72									360			
23	- -								364	1540		
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"I certif	y the materi at no additio	al hauled from the national materials have	ne above location l	has not been adde	d to or mixe	ed with, an	id is the sa	ame material rece	ived from	the above	e mentioned Generator,	
NAME				_ COMPANY				SIGNAT	URE		······	
To Re-order (Call 324 7 (7768) o	Fax 325-9764 RARE FORM	Printing & Graphics FORM # 01)			-	D	ATE	
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NVIROTECH INC. E

Bill of Lading

20387

JOB # <u>97057-078</u>

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

TRANSPORTING COMPANY

MANIFEST #

DATE <u>3-17-03</u>

LOAD	COMF	ION OF SHIPME		TRANSPORTING COMPANY						
NO.	POINT OF ORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
l	FLPASO COMP FLPASO	ENVIRATECH LIF. 2	Cont Dint	U-23	18		DAWN	316	8:25	with bleary
2	Elpaso Elpaso	L.F. 2	Dint	0-23	18		DAWN	307	8:25	Share Anto
3	ELPASO Manlane comp	L.F#2	Dint	0-23	18		PAUN	360	8.74	APR =
-+	· mannan and	LIF#2	pint	0-22	18		DAWN	366	8.30	Cheg Curbon
5	ELP AS Comp	1.F#2	Pint	0-22	18		DAUN	364	835 A	
6	ELPASO MANZANES COMP	L.F#2	Dint	0.22	18		DAWN	316	10:12	UN Learn
7	ELPASO	iF-2	Quil	0-21	18		DANN	307	10:15 10: A	Shave Anto
 	MANZARES COMP ELPASO MANZARES COMP	LIF2	Cont	0-21	18		DAWM	360	10: A	ANC
9	ELPASO MANZAR-S COMP	L, F, Z	Cont Diril	0-20	B 8		DAWN	366	10150	nical beau
10	ELPASO MANZARIGEOM	/ F====================================	Dint	0-20	14		DAWN	364	10.3%	Bh
<u> </u>	ELPASO	1, 5, 2	cont pint	0-21	18		DAWN	3/6	-5	we blearn
12	ELPASO	I FF	Cort Dirt	0-20	18		DAWN	307	1204	Thane Austo
13	MANZARES COMP		(UUV)			-			1-1-1-	
$\frac{1}{\mu i}$									· · · ·	
	y the material hauled from the		l nas not been adde	ed to or mixe	d with, and	⊥ d is the s	ame material receiv	red from	the abov	e mentioned Generator,
and tha	t no additional materials have MIKE HeyT		_ COMPANY _E	NVIROT	ecH		SIGNATU	RE 2	nih	Host
To Re-order C	call 32' (7768) or Fax 325-9764 RARE FORM)		· · · · · · · · · · · · · · · · · · ·			ATE 3-17-03

ENVIROTECH INC.

Bill of Lading

20367

DATE 3-17-03 JOB #97057-078

MANIFEST # _

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD	COMPLETE DESCRIPTION OF SHIPMENT							TRANSPORTING COMPANY			IΥ
NO.	POINT O	FORIGIN	DESTINATION	MATERIAL	GRID	YDS	BBLS	COMPANY	TRK#	TIME	DRIVER SIGNATURE
	EPFS	Barrow	Manzana-es Spill	Clean fill		20		Dawn	316	900	
2				······	*.				307	910	······································
3							·		360		5003
4									366		~~
5			· · ·						364		. ¥
Le							-		3/6		
7				, 					307	10.55	- <u> </u>
8					-				360		<u>~</u>
9									366		
10									-	1115	
1										1140	
12	-								364	ľ	-
13									340	1152	>
1									366	1210	
"I certif	y the material It no additional	materials hav	he above location h ve been added."					ame material recei		the abov	
To Re-order C	all 324' (7768) or Fax		Printing & Graphics FORM # 01		[)		SIGNAT		E Di	ATE 3-12-03

ENVIROTECH INC

Bill of Lading

MANIFEST #

20368

DATE 3-19-03 JOB # 97057 078

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD COMPLETE DESCRIPTION OF SHIPMENT TRANSPORTING COMPANY POINT OF ORIGIN COMPANY NO. DESTINATION MATERIAL GRID YDS BBLS TRK# TIME DRIVER SIGNATURE EPFS Envirolach 558 manzanajes clean fill 8 7 3 5003 11 (_) [] "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." Envirotech Intertor COMPANY ____ _____ SIGNATURE NAME DATE <u>3-19-03</u> * (7768) or Fox 325-9764 RARE FORM Printing & Graphics FORM # 01 To Re-order Call 32/

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: 🖂 Non-Exempt: 🗌	4. Generator: El Paso Field Services
Verbal Approval Received: Yes No Denny Foust 11:24am 02/10/03	5. Originating Site: Huerfano #107 Gas Well
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) "E" Sec. 35, T27N, R10W, San Juan County	Project #97057-076

9. <u>Circle One</u>:

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 contaminated with produced hydrocarbons from a pipeline riser blow down. CWS attached.¹



Estimated Volume <u>12-18</u> cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE Landelle R. Waste Management Facility	Authorized Agent	J TITLE: Environmental Administrative Assistant	DATE: <u>02/10/03</u>
--	------------------	---	-----------------------

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)	
APPROVED BY: Jent Reint TITLE: Envivo/Engt	DATE: 2/18/03
APPROVED BY: TELLE: qeologist	DATE: 2-18-03

CERTIFICATE OF WASTE STATUS

1. Gene	erator Name and Address:	2. Destination Name:
	El Paso Field Services Co.	Envirotech Soil Remediation Facility
	614 Reilly Avenue	Landfarm #2
	Farmington, NM 87401	Hilltop, New Mexico
3. Origi	nating Site (name):	Location of Waste (Street address &/or ULSTR):
Huerfai	no #107 Gas Well	NE/4, Sec. 35, T27N, R10W, San Juan Co., NM
	list of originating sites as appropriate	
4. Sour	ce and Description of Waste	
Produc	ed hydrocarbons from a pipeline riser b	low down
L		
	David Bays	roprogentative for:
·,	(Print Name)	representative for:
	El Paso Field Services	
accordir		<u>CO.</u> do hereby certify that, very Act (RCRA) and Environmental Protection Agency's July,
	gulatory determination, the above describe	
		NON-EXEMPT oilfield waste which is non-hazardous by
_X E	XEMPT Oilfield waste	characteristic analysis or by product identification
-1 1)		
and that	t nothing has been added to the exempt or	non-hazardous waste defined above.
	N EVENDT waste only the following deput	nentation is attached (check appropriate items):
	MSDS Information RCRA Hazardous Waste Analys	Other (description)
	Chain of Custody	
		· · · · · · · · · · · · · · · · · · ·
Name	(Original Signature):	Bay-
Title:	Principal E	nvironmental Scientist
Deter	Fahmer A	0. 2002
Date:	February 1	0, 2003

•		54 C	
District 1 - 4023 ³ 0. French Dr., Hobbs, NM 88240 District 11 1301 W. Orand Avenue, Artesia, NM 88210 District 111 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy Minerals and Natural Resou Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	ECEIVED	Form C-138 Revised March 17, 1999 Submit Original Plus 1 Copy to Appropriate District Office
PEOLIEST EO	R APPROVAL TO ACCEP	CONCERNATION	
I. RCRA Exempt: Non-Exempt: Verbal Approval Received: Yes	- 50130	4. Generator: BJ Servic	
	ter i	5 Originating Site: Was	sh Bay
2. Management Facility Destination: Envir Landfarm #2	otech Soil Remediation Facility,		
3. Address of Facility Operator: 5796 U.S. 87401	Highway 64, Farmington, NM	8. State: New Mexico	
7. Location of Material (Street Address or U Road, Farmington	LSTR) 3250 Southside River	Project #95026-001	
 A. All requests for approval to accept oilfied one certificate per job. B. All requests for approval to accept non-material is not-hazardous and the Gene approved All transporters must certify the wastes de BRIEF DESCRIPTION OF MATERIAL: Wash bay solids continuation. TCLP dat 	exempt wastes must be accompanied by n rator's certification of origin. No waste c livered are only those consigned for trans	necessary chemical analysis to classified hazardous by listing sport.	o PROVE the
Estimated Volumecy Known Volume (t	o be entered by the operator at the end of	the haul) <u>76</u> cy	
SIGNATURE Jandrea R. Jackse Waste Management Earlity Authorized		Administrative Assistan	ī
TYPE OR PRINT NAME: Landrea Jackson	TELEPHONE NO: <u>(505) 632-0615</u>	<u>i</u>	50.02 0 - 10.02
(This space for State Use) APPROVED BY: APPROVED BY: MATHY MAY	Four TITLE: Envire	Ergi DAT	$E: \frac{2/03/03}{10/03}$

. -..

<u>District I</u> 1525 N. French Dr., Hobbs, NM 88240	State of New Mexico	Form C-138
• <u>District II</u> • 1301 W. Grand Avenue, Artesia, NM 88210	Energy Minerals and Natural Reso	· · · · · · · · · · · · · · · · · · ·
<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410	Oil Conservation Division	Plus I Copy
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	1220 South St. Francis Dr Santa Fe, NM 87505	to Appropriate District Office
PFOUFST I	FOR APPROVAL TO ACCE	DT SALID WASTE
KEQUEST I	OK ATTROVAL TO ACCE	
1. RCRA Exempt: 🔲 Non-Exempt:		9 4. Generator: BJ Services
Verbal Approval Received: Yes		• 5. Coriginating Site: Wash Bay
2. Management Facility Destination: En Landfarm #2	E of the	6. Fransporter: Riley
 Address of Facility Operator: 5796 U 87401 	J.S. Highway 64, Farmington, NM	State: New Mexico
7. Location of Material (Street Address of Road, Farmington	r ULSTR) 3250 Southside River	Project #95026-001
9. <u>Circle One</u> :		
material is not-hazardous and the G approved		necessary chemical analysis to PROVE the classified hazardous by listing or testing will be nsport.
BRIEF DESCRIPTION OF MATERIAL:		
Wash bay solids continuation. TCLP	dated 3/15/02, Re-affirmation, CWS	attached.
,		
×',		
Estimated Volumecy Known Volume	e (to be entered by the operator at the end o	f the haul)cy
SIGNATURE Jandred R. Jack		al Administrative Assistant DATE: 02/03/03
TYPE OR PRINT NAME: Landrea Jacks	on TELEPHONE NO: (505) 632-061	<u>5</u>
(This space for State Use) APPROVED BY: Demy APPROVED BY:	Peinst TITLE: Envir TITLE:	-0/Engr DATE: 02/03/03 DATE:
	111L/L.	

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 [306] 334-5178 Fax (305)334-5170

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
BJServices 3250 Southside River Road	Envirotech Soil Remediation Facility
	Landfarm #2 Hilltop, New Mexico
FARMINGTON, New Mex. 87401	
3. Originating Size (name):	Location of the Waste (Street address &/or ULSTR):
Wash Bay	
Attach list of originating sites as appropriate	
4. Source and Description of Waste	
WASH BAY CONTINUATION	L L
1. Les Baugh	representative for:
BJ Services	
	do hereby certify that, ry Act (RCRA) and Environmental Protection Agency's July, waste is: (Check appropriate classification)
	IPT oilfield waste which is non-hazardous by characteristic by product identification
and that nothing has been added to the exempt or nor	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documentar	
MSDS Information X RCRA Hazardous Waste Analysis	Other (description):
Chain of Custody	
This was to is a second second to when the maintenant to walk of the	International Participations Material (NORM) surgerate
to 20 NMAC 3.1 subpart 1403.C and D.	laturally Occurring Radioactive Material (NORM) pursuant
	X
Name (Original Signature):	<u> </u>
Title: FACILITIES Supervisor	· · · · ·

03 Date:

5053275766 £00/£00'd IELT#



REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characteristic Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

3115/02 Date of TCLP Lest Printed Name Title / Agency Facilities Ju heide River Road 3250 5 Address FARMINATON, New Mex 87401 Signature Date

5053275766 500/200° d TE/T# FEB.03'2003 09:02 RECEIVED FROM: NOLONINGAS SOR

5056321865 #1730-003 99/6/25606 22:60 5002.50 HTJ

ENVIROTECA LABS

PRACTICAL SOLUTIONS FOR A SETTIER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

Client:	BJ Services	Project #:	95026-001
Sample ID:	Wash Bay Sludge	Date Reported:	03-19-02
Laboratory Number:	22302	Date Sampled:	03-15-02
Chain of Custody:	9853	Date Received:	03-15-02
Sample Matrix:	TCLP Extract	Date Analyzed:	03-19-02
Preservative:	Cool	Date Extracted:	03-18-02
Condition:	Cool & Intact	Analysis Needed:	TCLP metals

	Concentration	Det. Limit	Regulatory	
Parameter	(mg/L)	(mg/L)	Level (mg/L)	
Arsenic	ND	0.001	5.0	
Barium	0.440	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 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:

3250 Southside River Rd., Farmington, NM 87401.

Analyst

Walter

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

EPA METHOD 8040 PHENOLS

		· .	
Cl ent:	BJ Services	Project #:	95026-001
Sample ID:	Wash Bay Sludge	Date Reported:	03-21-02
Laboratory Number:	22302	Date Sampled:	03-15-02
Chain of Custody:	9853	Date Received:	03-15-02
Sample Matrix:	TCLP Extract	Date Extracted:	03-18-02
Preservative:	Cool	Date Analyzed:	03-21-02
Condition:	Cool & Intact	Analysis Requested:	TCLP

Parameter	Concentration (mg/L)	Detection Limit (mg/L)	Regulatory Limit (mg/L)
			(···g·=/
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

NE - 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.

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

Method 8040, Phenols, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

Note:

Comments:

3250 Southside River Rd., Farmington, NM 87401.

Analyst

Mistin Review

ENVIROTECH LABS

PRACTICA SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

Client:	BJ Services	Project #:	95026-001
Sample ID:	Wash Bay Sludge	Date Reported:	03-20-02
aboratory Number:	22302	Date Sampled:	03-15-02
Chain of Custody:	9853	Date Received:	03-15-02
Sample Matrix:	TCLP Extract	Date Extracted:	03-18-02
Preservative:	Cool	Date Analyzed:	03-20-02
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
∄-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
Frichloroethene	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:

3250 Southside River Road, Farmington, NM 87401.

Analyst

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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	BJ Services	Project #:	05000 004
Sample ID:	Wash Bay Sludge	Date Reported:	95026-001 03-19-02
Lab ID#:	22302	Date Sampled:	03-15-02
Sample Matrix:	Sludge	Date Received:	03-15-02
Preservative:	Cool	Date Analyzed:	03-18-02
Condition:	Cool and Intact	Chain of Custody:	9853
Parameter	Result	· · · · · · · · · · · · · · · · · · ·	· ·
	· · ·		
IGNITABILITY:	Negative		
CORROSIVITY:	Negative	pH = 7.47	
REACTIVITY:	Negative		
RCRA Hazardous Waste Crit	eria		
Parameter	Hazardous Waste Criterion		
IGNITABILITY:	Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21.		
	(i.e. Sample ignition upon d	irect contact with flame or flash point < 6	60° C.)
CORROSIVITY:	Characteristic of Corrosivity	as defined by 40 CEP. Subpart C. Soc.	261.22
CONTOSIVITI.	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:	-	as defined by 40 CFR, Subpart C, Sec. 2	
	-	ter, strong base, strong acid, or the gen	
	of Sulfide or Cyanide g	ases at STP with pH between 2.0 and 12	2.5)
leference:	40 CFR part 261 Subpart C	sections 261.21 - 261.23, July 1, 1992.	

Comments:

3250 Southside River Road, Farmington, NM 87401.

Analyst

Walters Review

ENV ROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Client:	BJ Services	Project #:	95026-001
Sample ID:	Wash Bay Sludge	Date Reported:	03-21-02
Laboratory Number:	22302	Date Sampled:	03-15-02
Chain of Custody:	9853	Date Received:	03-15-02
Sample Matrix:	TCLP Extract	Date Extracted:	03-18-02
Preservative:	Cool	Date Analyzed:	03-21-02
Condition:	Cool and Intact	Analysis Requested:	TCLP

	Concentration	Det. Limit	Regulatory Limit
Parameter	(mg/L)	(mg/L)	(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 Accep	tance Criteria	Parameter	Percent Recovery
		2-fluorobiphenyl	99%
References:		Characteristic Leaching Procedure, S	•
		ory Funnel Liquid-Liquid Extraction, S natics and Cyclic Ketones, SW-846, I	•
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sect	tion 261.24, July 1, 1992.
1010.			· · · · · · · · · · · · · · · · · · ·
Comments:	3250 Southside Ri	ver Rd., Farmington, NM 874(01.

Analysi

Walter Review



PRACTICAL SOLUTIONS FOR A SETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

ENVIROTECHLABS

ERACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Project #:	
	N/A
Date Reported:	03-20-02
Date Sampled:	N/A
Date Received:	N/A
Date Analyzed:	03-20-02
Analysis Requested:	TCLP
Detection	Regulatory
Limit	Limits
(mg/L)	(mg/L)
0.0001	0.2
0.0001	0.7
0.0001	200
0.0001	6.0
0.0001	0.5
0.0001	0.5
0.0001	0.5
0.0003	0.5
0.0005	0.7
0.0003	100
0.0002	7.5
	Date Reported: Date Sampled: Date Received: Date Analyzed: Analysis Requested: Detection Limit (mg/L) 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001 0.0001

ND - Parameter not detected at the stated detection limit.

QA/QC Acce	otance Criteria	Parameter	Percent Recovery
		Fluorobenzene	100%
		1,4-difluorobenzene	100%
		4-bromochlorobenzene	100%
References:	•	Characteristic Leaching Procedure, SW-8 Id-Trap, SW-846, USEPA, July 1992.	46, 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 22302.

Analyst

Walter

PRACTICAL SOLUTIONS FOR A ELETTER TOMORROW

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

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	03-20-02
Laboratory Number:	03-18-TCV	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-20-02
Condition:	N/A	Date Extracted:	03-18-02
		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:

Analyst

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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 Duplica	ate	Date Reported:	03-20-02
Laboratory Number:	22302		Date Sampled:	N/A
Sample Matrix:	TCLP Extract		Date Received:	N/A
Analysis Requested:	TCLP		Date Analyzed:	03-20-02
Condition:	N/A		Date Extracted:	03-18-02
		Duplicate		
	Sample	Sample	Detection	
	Result	Result	Limits	Percent
Parameter	(mg/L)	(mg/L)	(mg/L)	Difference
Vinyl Chloride	ND	ND	0.0001	
1,1-Dichloroethene	ND	ND	0.0001	0.0%
2-Butanone (MEK)	ND	ND	0.0001	0.0%
Chloroform	ND	ND	0.0001	0.0%
Carbon Tetrachloride	ND	ND	0.0001	.0.0%
Benzene	ND	ND		0.0%
	ND	ND	0.0001	0.0%
,2-Dichloroethane			0.0001	0.0%
richloroethene	ND	ND	0.0003	0.0%
Tetrachloroethene	ND	ND	0.0005	0.0%
Chlorobenzene	ND	ND	0.0003	0.0%
I,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:

Analyst

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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 Spike			Date Report	ed:	03-20-02
Laboratory Number:	22302			Date Sample		N/A
Sample Matrix:	TCLP Extract			Date Receiv		N/A
Analysis Requested:	TCLP			Date Analyz	ed:	03-20-02
Condition:	N/A			Date Extract		03-18-02
			Spiked		<u> </u>	SW-846
· ·	Sample	Spike	Sample	Det.		% Rec.
	Result	Added	Result	Limit	Percent	Accept.
Parameter	(mg/L)	(mg/L)	(mg/L)	(mg/L)	Recovery	
Vinyl Chloride	ND	0.050	0.0495	0.0001	99%	28-163
1,1-Dichloroethene	ND	0.050	0.0494	0.0001	99%	43 -1 43
2-Butanone (MEK)	ND	0.050	0.0490	0.0001	98%	47-132
Chloroform	ND	0.050	0.0500	0.0001	100%	49-133
Carbon Tetrachloride	ND	0.050	0.0490	0.0001	98%	43-143
Benzene	ND	0.050	0.0495	0.0001	99%	39-150
I,2-Dichloroethane	ND	0.050	0.0490	0.0001	98%	51-147
Frichloroethene	ND	0.050	0.0495	0.0003	99%	35-146
Tetrachloroethene	ND	0.050	0.0495	0.0005	99%	26-162
Chlorobenzene	NĎ	0.050	0.0495	0.0003	99%	38-150
1,4-Dichlorobenzene	ND	0.050	0.0495	0.0002	99%	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:

Review

ENVIROTECA ...BS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

Client:	QA/QC	Project #:	N/A
Sample ID:	Laboratory Blank	Date Reported:	03-21-02
Laboratory Number:	03-21-TCA	Date Sampled:	N/A
Sample Matrix:	2-Propanol	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-21-02
Condition:	N/A	Analysis Requested:	TCLP
Analytical Results	·	Detection	Regulatory
	Concentration	Limit	Limit
Parameter	(mg/L)	(mg/L)	(mg/L)
o-Cresol	ND	0.020	200
p,m-Cresol	ND	0.040	200
2,4,6-Trichlorophenol	ND	0.020	2.0
2,4,5-Trichlorophenol	ND	0.020	400
Pentachlorophenol	ND	0.020	100

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	2-fluorophenol	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 22302.

Analyst

mister my bleeters Review

PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Method Blank	Date Reported:	03-21-02
Laboratory Number:	03-18-TCA	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	03-18-02
Condition:	Cool & Intact	Date Analyzed:	03-21-02
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:		Parameter	Percent Recovery
		2-Fluorophenol 2,4,6-Tribromophenol	98% 99%
References:		1, Toxicity Characteristic Leaching F 346, USEPA, July 1992.	Procedure Test Methods for Evaluating Solid
), Separatory Funnel Liquid-Liquid E 346, USEPA, July 1992.	Extraction, Test Methods for Evaluating Solid
•	Method 8040), Phenols, Test Methods for Evalua	ating Solid Waste, SW-846, USEPA, Sept. 1986.
Note	Regulatory L	imits based on 40 CFR part 261 sul	bpart.C section 261.24, July 1, 1992.
Comments:	QA/QC for	sample 22302.	
Analyst	L Q	Sample 22302.	Review

FOVIROTEC LOBS

PRACTICAL SOLUTIONS FOR A BETTER TOMOBROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	03-21-02
Laboratory Number:	22302	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	03-18-02
Condition:	Cool & Intact	Date Analyzed:	03-21-02
		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 Accep	tance Criteria:	Parameter	Maximum Difference
		8040 Compounds	30.0%
References:	Method 1311, Toxicity C Waste, SW-846, USEPA	haracteristic Leaching Procedure Test	t Methods for Evaluating Solid
	Method 3510, Separator Waste, SW-846, USEPA	y Funnel Liquid-Liquid Extraction, Tes , July 1992.	t Methods for Evaluating Solid
	Method 8040, Phenols,	Fest Methods for Evaluating Solid Was	ste, SW-846, USEPA, Sept. 1986.
Note:	Regulatory Limits based	on 40 CFR part 261 subpart C section	n 261.24, July 1, 1992.
Comments:	QA/QC for sample 2	22302.	
Analyst	- C. Que		un Walter

PRACTICAL SOLUTIONS FOR A BETTIER 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:	03-21-02
Laboratory Number:	03-21-TBN	Date Sampled:	N/A
Sample Matrix:	Hexane	Date Received:	N/A
Preservative:	N/A	Date Extracted:	N/A
Condition:	N/A	Date Analyzed:	03-21-02
		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.

		Percent Recovery		
	2-fluorobiphenyl	96%		
Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 199 Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 199				
Method 8090, Nitroaror	natics and Cyclic Ketones, SW-846, L	JSEPA, Sept. 1986.		
Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992.				
QA/QC for sample	22302.	·		
	Method 3510, Separato Method 8090, Nitroaror Regulatory Limits base	Method 1311, Toxicity Characteristic Leaching Procedure, SI Method 3510, Separatory Funnel Liquid-Liquid Extraction, SI Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, L		

Review

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REACTICAL SOLUTIONS FOR A BETTER TOMORIOW

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:	03-21-02
Laboratory Number:	03-18-TBN	Date Sampled:	N/A
Sample Matrix:	TCLP Extract	Date Received:	N/A
Preservative:	Cool	Date Extracted:	03-18-02
Condition:	Cool and Intact	Date Analyzed:	03-21-02
		Analysis Requested:	TCLP

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

ND - Parameter not detected at the stated detection limit.

QA/QC Acceptance Criteria		Parameter	Percent Recovery
		2-fluorobiphenyl	96%
References:		Characteristic Leaching Procedure, S bry Funnel Liquid-Liquid Extraction, S	
		natics and Cyclic Ketones, SW-846, I	
Note:	Regulatory Limits base	d on 40 CFR part 261 Subpart C sect	ion 261 24 July 1 1992

Comments:

m Walters Review

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

Parameter	Sample Result (mg/L)	Duplicate Result Percent (mg/L) Difference	Det. Limit (mg/L)
	Comple	Analysis Requested:	TCLP
Condition:	N/A	Date Analyzed:	03-21-02
Preservative:	N/A	Date Extracted:	03-18-02
Sample Matrix:	TCLP Extract	Date Received:	N/A
Laboratory Number:	22302	Date Sampled:	N/A
Sample ID:	Matrix Duplicate	Date Reported:	03-21-02
Client:	QA/QC	Project #:	N/A

Pyridine Hexachloroethane Nitrobenzene Hexachlorobutadiene 2,4-Dinitrotoluene HexachloroBenzene	ND ND ND ND ND ND	ND ND ND ND ND ND	0.0% 0.0% 0.0% 0.0% 0.0% 0.0%	0.020 0.020 0.020 0.020 0.020 0.020 0.020
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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, Separato	ry Funnel Liquid-Liquid Extraction, SV	N-846, USEPA, July 1992.		
	Method 8090, Nitroaron	natics and Cyclic Ketones, SW-846, L	JSEPA, Sept. 1986.		
Note:	Regulatory Limits based	d on 40 CFR part 261 Subpart C secti	on 261.24, July 1, 1992.		
:	· ·				

Comments:

Walter Review

PRACTICAL SOLUTIONS FOR A BETTERTOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

Client:		QA/QC		Project #	<i>t</i> :		N/A
Sample ID:		03-19-TCI	VI QA/QC	Date Re	ported:		03-19-02
Laboratory Number:		22302		Date Sa	mpled:		N/A
Sample Matrix:		TCLP Extract		Date Re	ceived:		N/A
Analysis Requested:		TCLP Metals		Date Ana	alyzed:	•	03-19-02
Condition:		N/A		Date Ext	racted:		N/A
Blank & Duplicate	Instrument	Method	Detectio		e Duplicat	e %	Acceptance
Conc. (mg/L)	Blank ND	Blank ND	Limit 0.001	ND	ND	Difference 0.0%	Range 0% - 30%
Barium	ND	ND	0.001	0.440	0.437	0.7%	0% - 30%
Cadmium	ND	ND	0.001	ND	ND	0.0%	0% - 30%
Chromium	ND	ND	0.001	0.001	0.001	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	ND	ND	0.0%	0% - 30%
	ND	ND 1	0.001	ND	ND	0.0%	0% - 30%

Sample Percen Acceptance. (ma/ Adde Rande Arsenic 0.500 ND 0.498 99.6% 80% - 120% Barium 0.500 0.440 0.938 99.8% 80% - 120% Cadmium 0.500 ND 0.499 99.8% 80% - 120% Chromium 0.500 0.001 0.500 99.8% 80% - 120% 0.500 0.001 0.499 99.6% Lead 80% - 120% Mercury 0.050 ND 0.049 98.0% 80% - 120% 0.500 ND 0.497 99.4% Selenium 80% - 120% 0.500 0.499 Silver ND 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:

nalvst

Review

CHAIN OF CUSTODY RECORD

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Client / Project Name BJ Servic	es_	. 1	Project Location 3250 South For nice Client No.	sider.	iver Rof.	s(A	IALYSIS	/ PARA	METERS	<u> </u>			
BJ Servic Sampler: HARLAD M.	Brow	\sim	Client No. 951	526-	001	No. of Containers	TELP W/0 Hat					-	Ren	narks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix	Cont	12 m	•								
Warsh Bay Slidge	3.15.02	B:35	22302	51	dge	<u> </u>										
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Relinquished by: (Signatu	ure)				F	Received by	: (Signat	ure)								
				EUN	/IROT	ECH		C.					Sample R	eceipt	<u> </u>	
					5796 U.S.		n							Y	N	N/A
					hington, Ne	ew Mexic	o 8740)1				Rece	eived Intact			
	<u>.</u>				(505) 6	632-0615						Cool -	Ice/Blue Ice	-		ł

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. 92102-07	Form C-138 Revised March 17, 1999 Submit Original Plus 1 Copy to Appropriate District Office
REQUES	T FOR APPROVAL TO ACCEPT SOLID WASTE	
 RCRA Exempt: Non-Exercised Verbal Approval Received: 	Yes No No C C C S Day 5 Social Training Sites Train	
	Denny Foust 1/29/03 10 25am DIGT. 3	
2. Management Facility Destination Landfarm #2	Envirotech Soil Remediation Facility,	
3. Address of Facility Operator: 579	6 U.S. Highway 64, Farmington, NM 87401 8. State: New Mexico	
7. Location of Material (Street Addr	ess or ULSTR) NE/4, Sec 20, T26N, R18W, SJC	
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to acc	ept oilfield exempt wastes will be accompanied by a certification of waste from ept non-exempt wastes must be accompanied by necessary chemical analysis t he Generator's certification of origin. No waste classified hazardous by listing	o PROVE the

approv	ed			

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

BRIEF DESCRIPTION OF MATERIAL:

Spent Sulfatreat material. Grey gravel material containing iron pyrite.

Estimated Volume _7_cy Known Volume (to be entered by the operator at the end of the haul) O	cy
SIGNATURE And Anagement Facility Authorized Agent TITLE: Environmental Administrative Assistant	DATE: <u>January 29, 2003</u>
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615	
(This space for State Use)	
	DATE: <u>//3//03</u>
APPROVED BY: Charle The TITLE: Deporty of 6	DATE: 11.31/03

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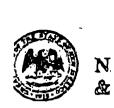
01/29/03 WED 22:55	FAX	505	3266911
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Robert L Bayless

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:5056321865

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-7-30-

Post-it [®] Fax Note	7671	Date
TO LANNY		From
Co./Dept.		Co.
Phone #		Phone #
Fax #		Fax #

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE IDEG RIG BRAZOS ROAD AZTEC, NEW MEXICO 47410 (508) 334-6178 FMX (505)334-6178

GARY E. JOHNSON GOVERNOR

Date: 1/29/03

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

of pages

۰ محمد من المالية المركب المحمد المركب الم	
1. Generator Name and Address:	2. Destination Name:
ROBERT L. BAYLESS	Envirotech Soil Remediation Facility
PO Bax 168.	Landarm #2
TARAINETON, NM 87499	Hilltop, New Mexico
3. Originating Site (name):	Location of the Waste (Street address &/or ULSTR);
TOLITE DOME TANK BASTERY	
NE/4, SECTION 20, T26N, RISW	
SAN JUAN COUNTY, NIM	
Attach fist of originating sites as appropriate	
4. Source and Description of Waste	· ·
7 CY SPENT JULFATREAT MATER	CIAL GREY GRAVEL MATERIAL CONTAINING
PRON PYRITE,	
	· · · · ·
L	
Alex	
1. Tom MCARSHY	representative for:
ROBERT L. DAMES (Print Name)	
	do hereby centify that,
according to the Resource Conservation and Receiver 1988, regulatory determination, the above described	ry Act. IRCRA) and Environmental Protection Agency's July, waste is: (Check appropriate classification)
	IPT olifield waste which is non-hazardous by characteristic
analysis or	by product identification
and that nothing has been added to the exempt or not	n-exempt non-hazardous waste defined above.
For NON-EXEMPT waste the following documenta	
MSDS Information	Other (description):
RCRA Hazardous Waste Analysis Chain of Custody	· · · · · · · · · · · · · · · · · · ·
This waste is in compliance with Regulated Levels of N	Vaturally Occurring Radioactive Material (NORM) pursuant
to 20 NMAC 3.1 subpart 1403.C and D.	//
Name (Original Signature):	
Title: FNGINGER	

Dissile 163219. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III	State of New Mexico Energy Minerals and Natural Resou Oil Conservation Division	FFR IN LUUJ	Form C-138 Revised March 17, 1999 Submit Original
1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	1220 South St. Francis Dr. Santa Fe, NM 87505	Environmental Bureau Oil Conservation Division	Plus 1 Copy to Appropriate District Office
REQUEST FO	R APPROVAL TO ACCEP	T SOLID WASTE	
1. RCRA Exempt: 🗋 Non-Exempt:		4. Generator: Transwest	ern Pipeline
Verbal Approval Received: Yes		5. Originating Site: Bloom Compressor Station	mfield
2. Management Facility Destination: Envir Landfarm #2	rotech Soil Remediation Facility,	6. Transporter: Enviroted	ch
3. Address of Facility Operator: 5796 U.S 87401	B. Highway 64, Fakinington, NM	8. State: New Mexico	
7. Location of Material (Street Address or U Bloomfield	ULSTR) 41 CR 4935 Lot 41,	Project #01002-002	
approved All transporters must certify the wastes de BRIEF DESCRIPTION OF MATERIAL: One drum of soil contaminated by comp CWS, Trace Metals, and RCI attached.	-exempt wastes must be accompanied by n erator's certification of origin. No waste c elivered are only those consigned for trans	necessary chemical analysis to be elassified hazardous by listing of sport. erflow in their yard. 1 221	PROVE the
SIGNATURE <u>Jandzla</u> Autorized Waste Management Eacility Authorized	d Agent	dministrative Assistant DA	TE: <u>1/31/2003</u> ~ ' د
TYPE OR PRINT NAME: Landrea R. Jacks	<u>son</u> TELEPHONE NO: <u>(505) 632-0</u>		1 20
(This space for State Use) APPROVED BY: Derry To APPROVED BY: Markon & Markon	<u>ent</u> TITLE: <u>Environme</u> 	DEFENSE DATE	02/0303 02/10/03

. . — ...

 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 	State of New Mexico Energy Minerals and Natural Resour 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 FC	R APPROVAL TO ACCEP'	T SOLID WASTE
1. RCRA Exempt: 🗌 Non-Exempt:		4. Generator: Transwestern Pipeline
Verbal Approval Received: Yes	No R FE	5. Originating Site: Bloomfield Compressor Station
2. Management Facility Destination: Envir Landfarm #2	otech Soil Remediation Facility,	6. Transporter: Envirotech
3. Address of Facility Operator: 5796 U.S 87401	. Highway 64, Farmington, NM	8. State: New Mexico
7. Location of Material (Street Address or U Bloomfield	LSTR) 41 CR 4935 Lot 41,	Project #01002-002
9. <u>Circle One</u> :		
one certificate per job. B. All requests for approval to accept non-	exempt wastes must be accompanied by ne	a certification of waste from the Generator; eccessary chemical analysis to PROVE the assified hazardous by listing or testing will be

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

BRIEF DESCRIPTION OF MATERIAL:

approved

One drum of soil contaminated by compressor oil; resulting from a tank overflow in their yard.

CWS, Trace Metals, and RCI attached.

Estimated Volume <u>1-drm</u> cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

_____TITLE: Environmental Administrative Assistant DATE: 1/31/2003 SIGNATURE Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea R. Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use)			
비행 관계 전통 전체에 대한 것이 같은 것은 것이라. 이 가지 않는 것 같은 것을 수 있는 것이라. 나는 것이라. 나는 것이라. 나는 것이라. 나는 것을 수 있는 것이라. 나는 것이라. 나는 것이라. 나는 것을 수 있는 것이라. 나는 것이 같이 것이라. 나는 것이라. 나는 것이 같이	Donat	<u> </u>	7/07/07
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APPROVED BY	गांगा ह		DATE:

FAX NO. :5056323833

`an. 31 2003 11:53PM P2





NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GIL CONSERVATION DIVISION AZTEC DISTRICT OPPICE 1000 RIO GRAZOS ROAD AZTEC, NEW MEXICO STATS (808) 334-5178 Fax (508)334-5176

GARY E. JOHNSON OOVERNOR

JENNIPER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

1. Generator Name and Address:	2. Destination Name:
TRANSWESTERN PIPELINE CR 4935 LOT 41 PD BOX 399	Envirotech Soll Remediation Facility Landfarm #2
BLOOMFIELD NM 87413	Hilltop, New Mexico
3. Originating Site (name);	Location of the Waste (Strent address &/or ULSTA):
BLOOMFIELD COMPRESSOR	CR 4935 LOT 41
STATION	BLOOMFIELD NM 87413
Attesh list of originating sites as appropriate 4. Source and Description of Waste	
BLOOMFIELD COMPRESSOR STAT	ION
OILY DIRT .	
1, JEFF GREIDER	representative for:
TRANSWESTERN PIPELINE	do hereby certify that,
according to the Resource Conservation and Recover	y Act (RCRA) and Environmental Protection Agency's July,
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v	y Act (RCRA) and Environmental Protection Agency's July,
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste	y Act (RCRA) and Environmental Protection Agency's July, vasta is: (Check appropriate classification) PT oilfield waste which is non-hazardous by characteristic
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste	y Act (RCRA) and Environmental Protection Agency's July, vaste is: (Check appropriate classification)
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check appropriate classification) PT oilfield waste which is non-hazardous by characteristic by product identification
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste NON-EXEM analysis or and that nothing has been added to the exempt or non	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check approprieto classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
according to the Resource Conservation and Recover 1988, regulatory determination, the above described w EXEMPT oilfield waste NON-EXEM analysis or	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check approprieto classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste and that nothing has been added to the exempt or non For NON-EXEMPT waste the following documentat MSDS information RCRA Hazardous Waste Analysis	y Act (RCRA) and Environmental Protection Agency's July, vaste Is; (Check approprieto classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
according to the Resource Conservation and Recover 1988, regulatory determination, the above described v EXEMPT oilfield waste NON-EXEM analysis or and that nothing has been added to the exempt or non For NON-EXEMPT waste the following documentat MSDS information	y Act (RCRA) and Environmental Protection Agency's July, vaste Is; (Check approprieto classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
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According to the Resource Conservation and Recover 1988, regulatory determination, the above described w EXEMPT oilfield waste and that nothing has been added to the exempt or non For NON-EXEMPT waste the following documentat MSDS information ACRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of N	y Act (RCRA) and Environmental Protection Agency's July, vaste Is; (Check approprieto classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above.
According to the Resource Conservation and Recover 1988, regulatory determination, the above described w EXEMPT oilfield waste and that nothing has been added to the exempt or non For NON-EXEMPT waste the following documentat MSDS information RCRA Hazardous Waste Analysis Chain of Custody	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check apprepriete classification) PT eilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above. lon is attached (check appropriate items): Other (description):
according to the Resource Conservation and Recover 1988, regulatory determination, the above described we set an according to the exempt of	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check apprepriete classification) PT eilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above. lon is attached (check appropriate items): Other (description):
according to the Resource Conservation and Recover 1988, regulatory determination, the above described we set an according to the exempt of	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check apprepriete classification) PT eilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above. lon is attached (check appropriate items): Other (description):
According to the Resource Conservation and Recover 1988, regulatory determination, the above described w EXEMPT oilfield waste and that nothing has been added to the exempt or non For NON-EXEMPT waste the following documentat MSDS information ACRA Hazardous Waste Analysis Chain of Custody This waste is in compliance with Regulated Levels of N	y Act (RCRA) and Environmental Protection Agency's July, vaste Is: (Check appropriate classification) PT oilfield waste which is non-hazardous by characteristic by product identification -exempt non-hazardous waste defined above. ion is attached (check appropriate items): Other (description): Other (description):

INVIROTE RACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

Client:	Transwestern Pipeline	Project #:	01002-002	
Sample ID:	#2	Date Reported:	01-10-03	
Laboratory Number:	24537	Date Sampled:	01-08-03	
Chain of Custody:	10534	Date Received:	01-08-03	
Sample Matrix:	Soil	Date Analyzed:	01-10-03	
Preservative:	Cool	Date Digested:	01-09-03	
Condition:	Cool & Intact	Analysis Needed:	RCRA Metals	

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)	Regulatory Level (mg/Kg)	
Arsenic	0.026	0.001	5.0	
Barium	2.41	0.001	3.0 100	
Cadmium	0.002	0.001	1.0	
Chromium	0.016	0.001	5.0	
Lead	0.009	0.001	5.0	
Mercury	ND	0.001	0.2	
Selenium	0.011	0.001	1.0	
Silver	ND	0.001	5.0	

ND - Parameter not detected at the stated detection limit.

Method 3050B, Acid Digestion of Sediments, Sludges and Soils. References: 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:

Transwestern Yard.

Analyst

Review

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RACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / **Quality Assurance Report**

· · · · · · · · · · · · · · · · · · ·	arr y	· · · ,	2 .					
Client:		QA/QC		Project #:			N/A	
Sample ID:		01-10-TM	QA/QC	Date Rep	orted:	01-10-03		
Laboratory Number:		24536		Date Sam	pled:		N/A	
Sample Matrix:		Sludge		Date Rece	eived:		N/A	
Analysis Requested:		Total RCR	A Metals	Date Anal	yzed:		01-10-03	
Condition:		N/A		Date Dige	sted:		01-09-03	
Blank & Duplicate Conc. (mg/Kg) E	Instrument Ilank (mg/L		Detect Limi		Duplicate	% Diff.	Acceptance Range	
Arsenic	ND	ND	0.001	0.004	0.004	0.0%	0% - 30%	
Barium	ND	ND	0.001	1.82	1.80	1.1%	0% - 30%	
Cadmium	ND	ND	0.001	0.005	0.005	0.0%	0% - 30%	
Chromium	ND	ND	0.001	0.871	0.867	0.5%	0% - 30%	
Lead	ND	ND	0.001	0.566	0.563	0.5%	0% - 30%	
Mercury	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
Selenium	ND	ND	0.001	0.002	0.002	0.0%	0% - 30%	
Silver	ND	ND	0.001	ND	ND	0.0%	0% - 30%	
Spike Conc. (mg/Kg)		Spike Added	Samp	e Spiked Sample	Percent Recovery		Acceptance	
Solic (monte)	SAAR AR			Sample	A Necovery		Range	
Arsenic		0.500	0.004	0.503	99.8%		80% - 120%	
Barium		0.500	1.82	2.30	99.1%		80% - 120%	
Cadmium		0.500	0.005	0.504	99.8%		80% - 120%	
Chromium		0.500	0.871	1.36	99.2%		80% - 120%	
Lead		0.500	0.566	1.05	98.5%		80% - 120%	
Mercury		0.050	ND	0.049	98.0%		80% - 120%	
Selenium		0.500	0.002	0.501	99.8%		80% - 120%	
Silver		0.500	ND	0.499	99.8%		80% - 120%	

ND - Parameter not detected at the stated detection limit.

Method 3050B, Acid Digestion of Sediments, Sludges and Soils. References: 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 24536 - 24537.

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

Client:	Transwestern Pipeline	Project #:	01002-002		
Sample ID [.]	#2	Date Reported:	01-10-03		
Lab ID#:	24537	Date Sampled:	01-08-03		
Sample Matrix:	Soil	Date Received:	01-08-03		
Preservative:	Cool	Date Analyzed:	01-09-03		
Condition:	Cool and Intact	Chain of Custody:	10534		
Parameter	Result				
IGNITABILITY:	Negative				
CORROSIVITY:	Negative	рН = 8.13			
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:

Transwestern Yard.

Analyst

Review

10534 -

CHAIN OF CUSTODY RECORD

Client / Project Name			Project Location						<u> </u>	A		S / PAR					
TRANSWESTERN	P.PEL	INE	TRANSWES.	TERN	YARD	7	_			~	NALI J	S7 FAN					
Sampler: Melissia M			Client No. 01002	-002			No. of Containers	TOTAL	4					F	lemarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number		Sample Matrix		Cont R	707	FOR								
#1	01/08/03	1415	24536	5,	UDYE		1	-	-								
#2	01/05/03	1425	2453.6 24537	- <u>So</u> i	1		/	Ľ	L								
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Relinquished by: (Signatu	ire)				· · ·	Receiv	ed by:	(Signatı	ure)			<u> </u>					
ENVIROTE				TEC	<u>`</u> Ц		<u>с.</u>					Sample I	Receipt				
				the second s									Y	N	N/A		
5796 U.S. Hig Farmington, New M							1				Rec	eived Intact	1	/			
	<u></u>				(505)			0740	I				Cool ·	- Ice/Blue Ice	1	·	

District L - (505) 393-6161 P. O. Box 1940 New Mexico
Hobbs, VM 88241-1980 Energy Minerals and Natural Resources Department Originate diama
Oll Conservation Division
District III - (505) 334-6178 2040 South Pacheco Street
1000 Rio Brazos Road Santa Fe, New Medico 87503. Plus 1 Copy
District IV - (505) 827-7131 District Office
0120-012132-026
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE
1. RCRA Exempt: Non-Exempt: I Non-Exempt: I Non-to mby 18. Generator allipunta
Verbal Approval Received: Yes No S. Originating Site Mana Lland
2. Management Facility Destination Enviroller Soil Remediation 6. Transporter 1610, but to
3. Address of Facility Operator 5796 (15 Hung 64) 8. State nm
7. Location of Material (Street Address or ULSTR) 4109 E. Main, Farmington, NM 87 402
9. <u>Circle One</u> :
A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator: one certificate per lob
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.
listing or testing will be approved.
All transporters must certify the wastes delivered are only those consigned for transport.
BRIEF DESCRIPTION OF MATERIAL:
Sodum Silicate and HcL Solution pumped down- hole for well treatment. Return flow could not be
hole for well treatment Patien days and don't
Older har hints to a south har hour of the
placed back into transport where it percipitated and plugged transport.
and plugged transport.
RCRA attached. msps attached.
Estimated Volume
SIGNATURE Kindsea R. actson The Enviro admin. asst. DATE: 1127103
TYPE OR PRINT NAME: LAND YEAR JACKSOn TELEPHONE NO. (505) 632-0615
TELEPHONE NO. (000) 402 001
(This space for State Use)
APPROVED BY: DEM TOUT TITLE: Enviro/Engt DATE: 1/31/03
APPROVED BY: Montion the Sty TITLE: Environmental brokenst DATE: 2/5/03

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District I (505) 393-6161 New Mexico P. O. Box 1940 Form C-138
Hobbs, NM 88241-1980 Energy Minerals and Natural Resources Department Originated 4/18/95
Artesia, NM 88210 District III - (505) 334-6178 Submit Original
1000 Proto Post Office Proto Post Office Proto Plus 1 Copy
Aztec, NM 87410 (505) 827-7131
District IV - (505) 827-7131
REQUEST FOR APPROVAL TO ACCEPT SOUD WASTE
- Martune 123/03
1. RCRA Exempt: I Non-Exempt: I 10am to midy 4. Generator all burton
Verbal Approval Received: Yes No No 5. Originating Site Main Yard
2. Wanagement Facility Destination Facility And An #2 6. Transporter full Durit
3. Address of Facility Operator 5796 45 thinks 64 8. State DM
7. Location of Material (Street Address or ULSTR) 4109 E. Main, Farmington, NM 87402
9. <u>Circle One</u> :
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:
Sedium Silicate and HcL Solution pumped down-
hall be well treatment Patien flow and dont he
hole for well treatment Return flow could not be placed back into transport where it percipitated and plugged transport.
penna buck and the sport and a peniperally
RCRA atlached. MSDS attached.
RCRA anala. TO Do down with
Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) cy
SIGNATURE Landser R. actson TITLE Enviro admin. asst. DATE: 127103
Waste Management PacifityAuthorized Agent TYPE OR PRINT NAME: LANARE ACKSON TELEPHONE NO. (505) 632-0615
(This space for State Use)
APPROVED BY: Jeny Yourd TITLE: Enviro/Engl DATE: 1/31/03

1010-646 (2007) 193-0101 New Mexico Form C-143 1625 N. French Dr Hobbs, NM 88240 inerals and Natural Resources Department 3/15/00 Ener District 11 - (505) 748-1283 mpy rece 811 5. First Oil Conservation Division Artesis, NM 86210 Verbal approval 2040 South Pacheco Street Esstrict III - (505) 334-6178 Submit to OCD Santa Fe. New Mexico 87505 1000 Rio Brazos Road Permitted Surface Aztec, NM 87410 10am 1123/03 brom (505) 827-7131 District IV - (505) 827-7131 Waste Management 2040 S Pacheco martyno pending RCRa Facility Santa Fe, NM 87505 **GENERATOR CERTIFICATE OF WASTE STATUS** -1. Waste Generator Name and Address: 2.Permit Number (if waste generated at an OCD HalliburTow ENergy Services permitted facility) 4109 EMEN ST Farming Tow N.M. 87402 3. Description of Waste and Generating Process: 4. Location of Waste (Street address &/or ULSTR); Sod um Silicate of HeL Solution HalliburTow Energy Services Pumped down Hole For well Treatment 4109 E. Main STree Could Notplace Return Flow to Transport where TT pericpitated + phaging to Transport FarmingTow Destination (Surface Waste Management Facility): 6. Transporter: ENVIROTECHL.F. #7 Hall. bur Tow 7. Estimated Volume ______ cy/bbls or NON-EXEMPT waste only, the following documentation is attached (check appropriate items): MSDS Information RCRA Hazardous Waste Analysis (With Chain of Custody). RCRA ANGLISIS Other (Description) Senerator certifies that, according to the Resource Conservation and Recovery Act (RCRA) and the Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (check appropriate classification) NON-EXEMPT oilfield waste that is non-hazardous EXEMPT oilfield waste. pursuant to 40 CFR Part 261. (Attach appropriate documentation) n addition, Generator certifies that nothing has been added to this exempt or non-exempt non-hazardous waste and that this vaste does not contain Naturally Occurring Radioactive Material (NORM) regulated pursuant to 20 NMAC 3.1 Subpart 1403. Date: 1-23-63 Senerator Signature: rint Name: Merle itle: Material Con

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IV ROT BS ACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

		· ·	
Client:	Halliburton Energy Services	Project #:	92132-026
Sample ID:	1 - Sodium Silicate	Date Reported:	01-23-03
Lab ID#:	24627	Date Sampled:	01-23-03
Sample Matrix:	Liquid	Date Received:	01-23-03
Preservative:	Cool	Date Analyzed:	01-23-03
Condition:	Cool and Intact	Chain of Custody:	10571
Parameter	Result		·
		· · · · · ·	
IGNITABILITY:	Negative		•
	lieganie		
CORROSIVITY:	Negative	pH = 6.84	
REACTIVITY:	Negative		
RCRA Hazardous Waste Criteria			
Parameter	Hazardous Waste Criterion		
IGNITABILITY:	Characteristic of Ignitability as de	afined 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 d	efined 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 de	fined by 40 CFR, Subpart C, Sec. 261.23.	
	(i.e. Violent reaction with water, s	strong base, strong acid, or the generation at STP with pH between 2.0 and 12.5)	
Reference:	40 CFR part 261 Subpart C secti	ons 261.21 - 261.23, July 1, 1992.	

Comments:

Halliburton Yard - Farmington.

Analyst

Review

CHAIN OF CUSTODY RECORD

Client / Project Name	Project Location				· ·· ·· ·· · · · · ·						•
HALLIBURTON	HALLIBURTON 1/AN	2) - FARMING	Ar a	1		ANAL	r 515 / PAH	AMETERS			
Sampler:	Client No.			ER.					Remar	<s< td=""><td></td></s<>	
DEAN KROUSE	92132-026		No. of ontaine	4 tot							
Sample No./ Sample Samp Identification Date Time		Sample Matrix	No. of Containers	RCRA CHARACTERISO							
1 - Jodii Silicate 1-23-03 9:0	24627 Lig	und	1	\checkmark							
		······································						ļ			
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									<u></u> .		
Relinquished by: (Signature) Mende Dean Krause.	Date <u> <u> </u> </u>		eived by:	(Signatu	ire)	\mathcal{O}	<u> </u>	<u> </u>	Date	1	Time
Mercle Dean Krause. Relinquished by: (Signature)			eived by:	(Signatu	ire)	ep	<u> </u>		1.2303	7	.'40
Relinquished by: (Signature)		Rece	ived by:	(Signatu	ıre)	;					
					~						
		<u>/IROTE</u>		<u> </u>				Sarr	iple Receip	- <u>_</u>	
5796 U.S. Hig								Destinution	Y	N	N/A
		nington, New M	Mexico		1			Received Inte		1	
		(505) 632-	0615		•.	:		Cool - Ice/Blue	lce	1	

01/22/03 PAGE 01 OF 01 HALLIBURTON ENERGY SERVICES - SHIPPING PAPERS FOR MOVEMENT OF MATERIALS ACCORDING TO FEDERAL REGULATION AS SPECIFIED IN CFR 49, SEC.177.817 AND 176.24 LOCATION: FARMINGTON FOR EMERGENCY CONTACT: TRUCK# OR TRLR# : 6225 NAME: RANDY SNYDER TELEPHONE: (505) 324-3500 DRIVER: U.S. DOT HAZMAT REG. NO. - 060700 005 0251 * TOT GROSS LBS 4,897 NUM CONTAINERS: TYPE: 1 TO 1 + * NOT RESTRICTED * *HALCO NAME & NO.: INJECTROL(R) COMPONENT A - 54 GALLONS * 70.15607 * * * GROSS LBS/PKG: ____ ERG => *****

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED. DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

and the second sec

SIGNATURE

INJECTROL(R) COMPONENT A - 54 GALLONS

MATERIAL SAFETY DATA SHEETDATE: 01-22-03HALLIBURTON ENERGY SERVICESREVISED DATE 04-07-99DUNCAN, OKLAHOMA 73536REVISED DATE 04-07-99

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359

CHEMICAL CODE: INJECTROL(R) COMPONENT A - 54 GALLONS PART NUMBER: 070156070 PKG QTY: 54 GALLON DRUM APPLICATION: RESIN SERVICE USED: WATER & SAND

* * * * * * * * * * * SECTION I - PRODUCT DESCRIPTION * * * * * * * * * * * * * * *

* * * * * * * * * * * SECTION II - COMPONENT INFORMATION * * * * * * * * * * * *

* * * * * * * * * * * * * * SECTION III - PHYSICAL DATA * * * * * * * * * * * * * * * *

PROPERTY

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MEASUREMENT

| APPEARANCE CLEAR COL | ORLESS TO HAZY LIQUID |
|---|---|
| ODOR | NONE TO SLIGHTLY SOAPY |
| SPECIFIC GRAVITY (H2O=1) | 1.400 |
| BULK DENSITY | 11.66 LB/GAL |
| PH | 11.3 |
| SOLUBILITY IN WATER AT | 11.5 |
| 20 DEG C. GMS/100ML H20 | COMPLETE |
| BIODEGRADABILITY | SLOWLY |
| PERCENT VOLATILES | N/D |
| EVAPORATION RATE (BUTYL ACETATE=1) | |
| VAPOR DENSITY | N/D |
| VAPOR PRESSURE (MMHG) | 156.00 |
| | 213 F / 100 C |
| POUR POINT | 35 F / 1 C |
| FREEZE POINT | 30 F / -1 C |
| SOLUBILITY IN SEAWATER | NOT EVALUATED |
| PARTITION COEF (OCTANOL IN WATER) | |
| PARILIION COEF (OCTANOL IN WATER) | NOT EVALUATED |
| * * * * * * * * * * SECTION IV - 1 | FIRE AND EXPLOSION DATA * * * * * * * * * * * * |
| | |
| NFPA(704) RATING: | REACTIVITY 0 SPECIAL NONE |
| | NONE NONE |
| FLASH POINT
AUTOIGNITION TEMPERATURE | NDF/ ND C |
| | |
| FLAMMABLE LIMITS (% BY VOLUME) | LOWER ND OPPER ND |
| EXTINGUISHING MEDIA: | *************************************** |
| USE WATER SPRAY, FOAM, DRY CHE | |
| SPECIAL FIRE FIGHTING PROCEDURES: | TICAL, OR CARBON DIOXIDE. |
| | OSH/MSHA APPROVED SELF-CONTAINED BREATHING |
| | |
| APPARATUS REQUIRED FOR FIRE FIC | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS | |
| CONTACT CAUSES BURNS TO EYES AN | ND SKIN. |
| * * * * * * * * * * * * * * SECTION V | - HEALTH HAZARD DATA * * * * * * * * * * * * |
| Section V | |
| CALIFORNIA PROPOSITION 65: | |
| | |
| DN 070156070 | |

PN: 070156070

PAGE 2

PAGE 1

PRODUCT OR PRODUCT COMPONENTS ARE NOT REGULATED UNDER CALIF. PROPOSITION 65. CARCINOGENIC DETERMINATION: PRODUCT OR COMPONENTS ARE NOT LISTED AS A POTENTIAL CARCINOGEN ACCORDING TO : "NTP, IARC, OSHA, OR, ACIGH". PRODUCT TOXICITY DATA: IRR SKN-HMN 250 MG/24H SEVERE SKN-RBT 250 MG/24H SEVERE IRR ORL-RAT LD50: 2000-3000 MG/KG TOX TLM96: 2320 PPM AOU PRODUCT TLV: C 2MG/M3 (AS NAOH) ----- EFFECTS OF EXPOSURE -----ROUTES OF EXPOSURE: EYE OR SKIN CONTACT, INHALATION. EYE: MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. SKIN: MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. INHALATION: VAPOR, MIST OR SPRAY CAUSE SEVERE IRRITATION OF UPPER RESPIRATORY SYSTEM. INGESTION: CORROSIVE TO MOUTH, ESOPHAGUS, AND STOMACH UPON INGESTION. CHRONIC EFFECTS: NO CHRONIC EFFECTS EXPECTED. OTHER SYMPTOMS AFFECTED: BECAUSE OF ITS IRRITATING PROPERTIES, THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS. ----- EMERGENCY AND FIRST AID PROCEDURES ------EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK PROMPT MEDICAL ATTENTION. SKIN IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! GIVE UP TO TWO (2) QUARTS OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. * * * * * * * * * * * * * SECTION VI - REACTIVITY DATA * * * * * * * * * * * * * * * STABILITY: STABLE CONDITIONS TO AVOID: NOT APPLICABLE. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS. AMPHOTERIC METALS SUCH AS ALUMINUM, MAGNESIUM, LEAD, TIN OR ZINC, WHICH MAY GENERATE AND LIBERATE FLAMMABLE HYDROGEN GAS. HAZARDOUS DECOMPOSITION PRODUCTS: CONTACT WITH ACID CAUSES EVOLUTION OF HEAT. HAZARD POLYMERIZATION: WON"T OCCUR CONDITIONS TO AVOID: NOT APPLICABLE. PAGE З PN: 070156070

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* * * * * * * * * * SECTION VII - SPILL OR LEAK PROCEDURES * * * * * * * *

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: USE PROTECTIVE EQUIPMENT. ISOLATE SPILL AND STOP LEAK WHERE SAFE. CONTAIN AND NEUTRALIZE TO A PH OF 6-8. SCOOP UP AND REMOVE. WASTE DISPOSAL METHOD: IF MATERIAL HAS BEEN COMPLETELY NEUTRALIZED, GET APPROVAL FROM A SANITARY LANDFILL OPERATOR AND TRANSPORT TO A SANITARY LANDFILL. IF NOT GET APPROVAL FROM HAZARDOUS WASTE DISPOSAL FACILITY, AUTHORIZED UNDER EPA/RCRA SUBTITLE C OR STATE EQUIVALENT. SHIP ABSORBED MATERIAL TO SITE. * * * * * * * * SECTION VIII - SPECIAL PROTECTION INFORMATION * * * * * * * VENTILATION: USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION SHOULD BE USED IN AREAS WITHOUT GOOD CROSS VENTILATION. PROTECTIVE GLOVES: IMPERVIOUS RUBBER GLOVES. EYE PROTECTION: WEAR GOGGLES AND/OR FACE SHIELD. PROVIDE EYEWASH AND QUICK DRENCH SYSTEM. OTHER PROTECTIVE EQUIPMENT: WEAR FULL PROTECTIVE SUIT WHEN SKIN CONTACT IS POSSIBLE. * * * * * * * * * * * * * SECTION IX - SPECIAL PRECAUTIONS * * * * * * * * * * * * * PRECAUTIONARY LABELING INJECTROL(R) COMPONENT A - 54 GALLONS 070.156070 DANGER! MAY CAUSE SEVERE IRRITATION OF THE RESPIRATORY SYSTEM. MAY CAUSE SEVERE EYE AND SKIN BURNS. FOR PRECAUTIONARY STATEMENTS, REFER TO SECTIONS IV-VIII. OTHER HANDLING AND STORAGE CONDITIONS: STORE AWAY FROM STRONG ACIDS. STORE IN A COOL WELL VENTILATED LOCATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPORS. CONTAINER DISPOSITION: IF CONTAINER RETAINS PRODUCT RESIDUES, LABEL PRECAUTIONS MUST BE OBSERVED. STORE CONTAINER WITH CLOSURES IN PLACE. OFFER EMPTY CONTAINER TO RECONDI-TIONOR OR RECYCLER FOR RECONDITIONING OR DISPOSAL. ENSURE RECONDITIONER OR RECYCLER IS AWARE OF THE PROPERTIES OF THE CONTENTS. · SPECIAL PRECAUTIONS: DO NOT SPREAD SPILLED MATERIAL WITH WATER. * * * * * * * * * SECTION X - TRANSPORTATION INFORMATION * * * * * * * * * * DOT SHIPPING DESCRIPTION: NOT RESTRICTED * * * * * * * * * SECTION XI - ENVIRONMENTAL EVALUATION * * * * * * * * * * EPA SUPERFUND(SARA) TITLE III - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION FTRE: N PRESSURE: N REACTIVE: N ACUTE (IMMEDIATE): Y MIXTURE OR PURE MATERIAL: MIX CHRONIC (DELAYED): N B. EPA - CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) N/A C. EPA - SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES) PRODUCT CONTAINS NO EXTREMELY HAZARDOUS COMPONENTS D. EPA - SARA TITLE III, 40 CFR 372 (LIST OF TOXIC CHEMICALS) PAGE 4 PN: 070156070

CHEMICAL CONTAINS NO TOXIC INGREDIENTS

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- E. COMPONENTS LISTED ON FOLLOWING CHEMICAL INVENTORIES TSCA YES CEPA NE EEC N/D ACOIN N/D NPR NE DRSM NE
- H. EPA RCRA (HAZARDOUS WASTE), 40 CFR 261

IF PRODUCT BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE

THE INFORMATION WHICH IS CONTAINED IN THIS DOCUMENT IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT. HOWEVER, AS SUCH AS IT HAS BEEN OBTAINED FROM VARIOUS SOURCES, INCLUDING THE MANUFACTURER AND INDEPENDENT LABORATORIES, IT IS GIVEN WITHOUT WARRANTY OR REPRESENTATION THAT IT IS COMPLETE, ACCURATE AND CAN BE RELIED UPON. HALLIBURTON HAS NOT ATTEMPTED TO CONCEAL IN ANY WAY THE DELETERIOUS ASPECTS OF THE PRODUCT LISTED HEREIN, BUT MAKES NO WARRANTY AS TO SUCH. FURTHER, AS HALLIBURTON CANNOT ANTICIPATE NOR CONTROL THE MANY SITUATIONS IN WHICH THE LISTED PRODUCT OR THIS INFORMATION MAY BE USED BY OUR CUSTOMER, THERE IS NO GUARANTEE THAT THE HEALTH AND SAFETY PRECAUTIONS SUGGESTED WILL BE PROPER UNDER ALL CONDITIONS. IT IS THE SOLE RESPONSIBILITY OF EACH USER OF THE LISTED PRODUCT TO DETERMINE AND COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE LAWS AND REGULATIONS REGARDING ITS USE OR DISPOSAL. THIS INFORMATION IS GIVEN SOLELY FOR THE PURPOSES OF HEALTH AND SAFETY TO PERSONS AND PROPERTY. ANY OTHER USE OF THIS INFORMATION IS EXPRESSLY PROHIBITED. HEALTH, SAFETY AND ENVIRONMENT DEPARTMENT, HALLIBURTON ENERGY SERVICES.

PCL XL error

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| Warning: | Courier | substituted for CourierPS |
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| Warning: | Courier | substituted for CourierPS |
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| Warning: | Courier | substituted for CourierPS |

01/22/03 PAGE 01 OF 01 HALLIBURTON ENERGY SERVICES - SHIPPING PAPERS FOR MOVEMENT OF MATERIALS ACCORDING TO FEDERAL REGULATION AS SPECIFIED IN CFR 49, SEC.177.817 AND 176.24 LOCATION: FARMINGTON FOR EMERGENCY CONTACT: TRUCK# OR TRLR# : 6225 NAME: RANDY SNYDER TELEPHONE: (505) 324-3500 DRIVER: U.S. DOT HAZMAT REG. NO. - 060700 005 0251 * * TOT GROSS LBS 7,245 NUM CONTAINERS: TYPE: CARGO TANK *X *HYDROCHLORIC ACID SOLUTION - 8 - UN1789 - II * *RQ (HYDROCHLORIC ACID - 5000 LBS) * *HALCO NAME & NO.: HYDROCHLORIC ACID SOLUTION W/ HAI-85M NIS.1116 * * GROSS LBS/PKG: ERG => 60 * TOT GROSS LBS 1,168 NUM CONTAINERS: TYPE: 55 GALLON DRUM *X *SODIUM HYDROXIDE SOLUTION - 8 - UN1824 - II * . *HALCO NAME & NO.: MO-67 - 55 GALLONS 516.00308 * GROSS LBS/PKG: ERG => 60 * * TOT GROSS LBS 8 NUM CONTAINERS: TYPE: 330 GALLON TANK *X *FLAMMABLE LIQUID, N.O.S. - 3 - UN1993 - II * (CONTAINS ISOPROPANOL) * *HALCO NAME & NO.: LOSURF-300 NONIONIC SURFACTANT - HAL-TANK 516.00179 * * GROSS LBS/PKG: ERG => 27

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED, AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

SIGNATURE _____

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DEPARTMENT OF TRANSPORTATION (DOT)

FOR PN# NIS1116 0

HAZARD GUIDE 60

PAGE 1

HALLIBURTON SERVICESDATE: 01/22/03DUNCAN, OKLAHOMA 73536REVISED DATE: 11/21/95

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359

POTENTIAL HAZARDS

HEALTH HAZARDS

CONTACT CAUSES BURNS TO SKIN AND EYES. IF INHALED, MAY BE HARMFUL. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

FIRE OR EXPLOSION

SOME OF THESE MATERIALS MAY BURN, BUT NONE OF THEM IGNITES READILY. FLAMMABLE/POISIONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. SOME OF THESE MATERIALS MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL ETC.).

EMERGENCY ACTION

KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND; KEEP OUT OF LOW AREAS.

POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING WILL PROVIDE LIMITED PROTECTION.

CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER FIRST. IF SHIPPING PAPER NOT AVAILABLE OR NO ANSWER, CALL CHEMTREC, 1-800-424-9300 IF WATER POLLUTION OCCURS, NOTIFY THE APPROPRIATE AUTHORITIES.

FIRE

SOME OF THESE MATERIALS MAY REACT VIOLENTLY WITH WATER. SMALL FIRES: DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. LARGE FIRES: WATER SPRAY, FOG OR REGULAR FOAM. MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS OF TANKS.

SPILL OR LEAK

DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL; STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

SMALL SPILLS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SMALL DRY SPILLS: WITH CLEAN SHOVEL PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER LOOSELY; MOVE CONTAINERS FROM SPILL AREA. LARGE SPILLS: DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

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FIRST AID
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MOVE VICTIM TO FRESH AIR; CALL EMERGENCY MEDICAL CARE. IN CASE OF CONTACT WITH MATERIAL, IMMEDIATELY FLUSH SKIN OR EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SITE. KEEP VICTIM QUIET AND MAINTAIN NORMAL BODY TEMPERATURE.

DEPARTMENT OF TRANSPORTATION (DOT)

FOR PN# 516003080

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HAZARD GUIDE 60

PAGE 1

HALLIBURTON SERVICES DUNCAN, OKLAHOMA 73536

DATE: 01/22/03 REVISED DATE: 11/21/95

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359

POTENTIAL HAZARDS

HEALTH HAZARDS

CONTACT CAUSES BURNS TO SKIN AND EYES. IF INHALED, MAY BE HARMFUL. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.

FIRE OR EXPLOSION

SOME OF THESE MATERIALS MAY BURN, BUT NONE OF THEM IGNITES READILY. FLAMMABLE/POISIONOUS GASES MAY ACCUMULATE IN TANKS AND HOPPER CARS. SOME OF THESE MATERIALS MAY IGNITE COMBUSTIBLES (WOOD, PAPER, OIL ETC.).

EMERGENCY ACTION KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND; KEEP OUT OF LOW AREAS. POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING WILL PROVIDE LIMITED

PROTECTION. CALL EMERGENCY RESPONSE TELEPHONE NUMBER ON SHIPPING PAPER FIRST. IF SHIPPING PAPER NOT AVAILABLE OR NO ANSWER, CALL CHEMTREC, 1-800-424-9300 IF WATER POLLUTION OCCURS, NOTIFY THE APPROPRIATE AUTHORITIES.

FIRE

SOME OF THESE MATERIALS MAY REACT VIOLENTLY WITH WATER. SMALL FIRES: DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM. LARGE FIRES: WATER SPRAY, FOG OR REGULAR FOAM. MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK. APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS OF TANKS.

SPILL OR LEAK

DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL; STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

SMALL SPILLS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. SMALL DRY SPILLS: WITH CLEAN SHOVEL PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER LOOSELY; MOVE CONTAINERS FROM SPILL AREA. LARGE SPILLS: DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

FIRST AID

MOVE VICTIM TO FRESH AIR; CALL EMERGENCY MEDICAL CARE. IN CASE OF CONTACT WITH MATERIAL, IMMEDIATELY FLUSH SKIN OR EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SITE. KEEP VICTIM QUIET AND MAINTAIN NORMAL BODY TEMPERATURE.

DEPARTMENT OF TRANSPORTATION (DOT)

FOR PN# 516001790

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PAGE 1

HALLIBURTON SERVICES DUNCAN, OKLAHOMA 73536

 RVICES
 DATE: 01/22/03

 73536
 REVISED DATE: 08/10/95

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359

POTENTIAL HAZARDS

FLAMMABLE/COMBUSTIBLE MATERIAL; MAY BE IGNITED BY HEAT, SPARKS OR FLAMES. VAPORS MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE IN HEAT OF FIRE. VAPOR EXPLOSION HAZARD INDOORS, OUTDOORS OR IN SEWERS. RUNOFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

HEALTH HAZARDS

FIRE OR EXPLOSION

MAY BE POISONOUS IF INHALED OR ABSORBED THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION. EMERGENCY ACTION KEEP UNNECESSARY PEOPLE AWAY; ISOLATE HAZARD AREA AND DENY ENTRY. STAY UPWIND; KEEP OUT OF LOW AREAS. POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIREFIGHTERS' PROTECTIVE CLOTHING WILL PROVIDE LIMITED PROTECTION. ISOLATE FOR 1/2 MILE IN ALL DIRECTIONS IF TANK, RAIL CAR OR TANK TRUCK IS INVOLVED IN FIRE.

FIRE

SMALL FIRES: DRY CHEMICAL, CO2, WATER SPRAY OR REGULAR FOAM.
LARGE FIRES: WATER SPARY, FOG OR REGULAR FOAM.
MOVE CONTAINER FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.
APPLY COOLING WATER TO SIDES OF CONTAINERS THAT ARE EXPOSED TO
FLAMES UNTIL WELL AFTER FIRE IS OUT. STAY AWAY FROM ENDS OF TANKS.
FOR MASSIVE FIRE IN CARGO AREA, USE UNMANNED HOSE HOLDER OR
MONITOR NOZZLES; IF THIS IS IMPOSSIBLE, WITHDRAW FROM AREA AND
LET FIRE BURN.
WITHDRAW IMMEDIATELY IN CASE OF RISING SOUND FROM VENTING SAFETY
DEVICE OR ANY DISCOLORATION OF TANK DUE TO FIRE.

SPILL OR LEAK

SHUT OFF IGNITION SOURCES; NO FLARES, SMOKING OR FLAMES IN HAZARD AREA.

STOP LEAK IF YOU CAN DO IT WITHOUT RISK.

WATER SPRAY MAY REDUCE VAPOR; BUT IT MAY NOT PREVENT IGNITION IN CLOSED SPACES.

SMALL SPILLS: TAKE UP WITH SAND OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE INTO CONTAINERS FOR LATER DISPOSAL. LARGE SPILLS: DIKE FAR AHEAD OF LIQUID SPILL FOR LATER DISPOSAL.

FIRST AID

MOVE VICTIM TO FRESH AIR AND CALL EMERGENCY MEDICAL CARE; IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION; IF BREATHING IS DIFFICULT,

HAZARD GUIDE: 27 FOR PN# 516001790

PAGE 2

GIVE OXYGEN. IN CASE OF CONTACT WITH MATERIAL, IMMEDIATELY FLUSH EYES WITH

RUNNING WATER FOR AT LEAST 15 MINUTES. WASH SKIN WITH SOAP AND WATER. REMOVE AND ISOLATE CONTAMINATED CLOTHING AND SHOES AT THE SITE.

CALL Emergency Response Telephone Number on Shipping Paper "FIRST". If Shipping Paper "NOT AVAILABLE" OR "NO ANSWER", CALL CHEMTREC AT 1-800-424-9300

HYDROCHLORIC ACID SOLUTION W/ HAI-85M

PAGE 1

MATERIAL SAFETY DATA SHEET DATE: 01-22-03 HALLIBURTON ENERGY SERVICES REVISED DATE 04-07-99 DUNCAN, OKLAHOMA 73536 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 * * * * * * * * * * * SECTION I - PRODUCT DESCRIPTION * * * * * * * * * * * * * * * CHEMICAL CODE: HYDROCHLORIC ACID SOLUTION W/ HAI-85M PART NUMBER: NIS1116 0 PKG QTY: CARGO TANK APPLICATION: SOLVENT SERVICE USED: CHEM.SRVCS./OTIS SC * * * * * * * * * * * * SECTION II - COMPONENT INFORMATION * * * * * * * * * * * * * PERCENT TLV PEL. HYDROCHLORIC ACID 11-30 % C 5 PPM C 5 PPM * * * * * * * * * * * * SECTION III - PHYSICAL DATA * * * * * * * * * * * * * * * * PROPERTY MEASUREMENT APPEARANCE CLEAR, COLORLESS LIQUID PUNGENT, ACRID ODOR SPECIFIC GRAVITY (H2O=1) 1.160 BULK DENSITY 9.66 LB/GAL 0.8 FOR 1% SOL PН SOLUBILITY IN WATER AT 20 DEG C. GMS/100ML H20 SOLUBLE BIODEGRADABILITY N/D PERCENT VOLATILES 35 EVAPORATION RATE(BUTYL ACETATE=1) >1 1.27 VAPOR DENSITY VAPOR PRESSURE (MMHG) 26.00 230 F / 110 C BOILING POINT (760 MMHG) . POUR POINT N/D FREEZE POINT -50 F / -45 C NOT EVALUATED SOLUBILITY IN SEAWATER PARTITION COEF (OCTANOL IN WATER) NOT EVALUATED * * * * * * * * * SECTION IV - FIRE AND EXPLOSION DATA * * * * * * * * * * * * * NFPA(704) RATING: HEALTH 3 FLAMMABILITY 0 REACTIVITY 1 SPECIAL NONE FLASH POINT F / С AUTOIGNITION TEMPERATURE FLAMMABLE LIMITS (% BY VOLUME) LOWER ND UPPER ND EXTINGUISHING MEDIA: USE WATER SPRAY, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE. SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL FIRE-EXPOSED SURFACES. FULL PROTECTIVE CLOTHING AND NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS REQUIRED FOR FIRE FIGHTING PERSONNEL. UNUSUAL FIRE AND EXPLOSION HAZARDS: REACTION WITH STEEL, AND CERTAIN OTHER METALS GENERATES FLAMMABLE AND POTENTIALLY EXPLOSIVE HYDROGEN GAS. CONSIDERABLE HEAT IS EVOLVED WHEN CONTACTED WITH MANY SUBSTANCES. DO NOT ALLOW RUNOFF TO ENTER WATERWAYS. PN: NIS1116 0 PAGE 2 CONTACT CAUSES BURNS TO EYES AND SKIN. * * * * * * * * * * * * * SECTION V - HEALTH HAZARD DATA * * * * * * * * * * * * *

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CALIFORNIA PROPOSITION 65: PRODUCT OR PRODUCT COMPONENTS ARE NOT REGULATED UNDER CALIF. PROPOSITION 65. CARCINOGENIC DETERMINATION: PRODUCT OR COMPONENTS ARE NOT LISTED AS A POTENTIAL CARCINOGEN "NTP, IARC, OSHA, OR, ACIGH". ACCORDING TO : PRODUCT TOXICITY DATA: TOX IHL-HMN LCLO:1300 MG/30M TOX ORL-RBT LD50:900 MG/KG TOX IHL-RAT LC50:3124 PPM/1H AQU TLM96: 282 PPM PRODUCT TLV: NOT DETERMINED ROUTES OF EXPOSURE: EYE OR SKIN CONTACT, INHALATION. EYE: VAPORS, MIST OR SPRAY MAY CAUSE SEVERE IRRITATION. MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. SKIN: MAY BE ABSORBED THROUGH SKIN. MODERATE SYSTEMIC TOXICITY THROUGH THE SKIN. MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. INHALATION: VAPOR, MIST OR SPRAY CAUSE SEVERE IRRITATION OF UPPER RESPIRATORY SYSTEM. INGESTION: CORROSIVE TO MOUTH, ESOPHAGUS, AND STOMACH UPON INGESTION. CHRONIC EFFECTS: CONTINUED EXPOSURE CAN ERODE THE TEETH. OTHER SYMPTOMS AFFECTED: BECAUSE OF ITS IRRITATING PROPERTIES, THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS. ----- EMERGENCY AND FIRST AID PROCEDURES ------EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK PROMPT MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! GIVE UP TO TWO (2) OUARTS OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. * * * * * * * * * * * * SECTION VI - REACTIVITY DATA * * * * * * * * * * * * * * * STABILITY: STABLE CONDITIONS TO AVOID: NOT APPLICABLE. INCOMPATIBILITY (MATERIALS TO AVOID): ALKALIES (EG. AMMONIA AND ITS SOLUTIONS, CARBONATES, SODIUM HYDROXIDE (CAUSTIC), POTASSIUM HYDROXIDE, CALCIUM HYDROXIDE, CYANIDES, SULFIDES, PAGE PN · NIS1116 0 HYPOCHLORITES, CHLORITES) WHICH CAN GENERATE HEAT WITH SPLATTERING OR BOILING AND THE RELEASE OF TOXIC FUMES.

HYDROCHLORIC ACID MAY GENERATE AND RELEASE FLAMMABLE HYDROGEN AND TOXIC CHLORINE GAS IN THE PRESENCE OF IRON. IN THE PRESENCE OF IRON SULFIDE, HYDROCHLORIC ACID MAY PRODUCE HIGHLY TOXIC HYDROGEN SULFIDE.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY RELEASE HYDROGEN AND CHLORINE GAS IN THE PRESENCE OF IRON, AND HYDROGEN SULFIDE IN THE PRESENCE OF IRON SULFIDE. HAZARD POLYMERIZATION: WON"T OCCUR CONDITIONS TO AVOID: NOT APPLICABLE. * * * * * * * * * * SECTION VII - SPILL OR LEAK PROCEDURES * * * * * * * * * * STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: USE PROTECTIVE EQUIPMENT. ISOLATE SPILL AND STOP LEAK WHERE SAFE. CONTAIN AND NEUTRALIZE TO A PH OF 6-8. SCOOP UP AND REMOVE. WASTE DISPOSAL METHOD: IF MATERIAL HAS BEEN COMPLETELY NEUTRALIZED, GET APPROVAL FROM A SANITARY LANDFILL OPERATOR AND TRANSPORT TO A SANITARY LANDFILL. IF NOT GET APPROVAL FROM HAZARDOUS WASTE DISPOSAL FACILITY, AUTHORIZED UNDER EPA/RCRA SUBTITLE C OR STATE EQUIVALENT. SHIP ABSORBED MATERIAL TO SITE. * * * * * * * * SECTION VIII - SPECIAL PROTECTION INFORMATION * * * * * * * RESPIRATORY PROTECTION (USE NIOSH/MSHA APPROVED EQUIPMENT): ACID GAS CHEMICAL CARTRIDGE RESPIRATOR. VENTILATION: USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION SHOULD BE USED IN AREAS WITHOUT GOOD CROSS VENTILATION. PROTECTIVE GLOVES: BUTYL GLOVES. EYE PROTECTION: WEAR GOGGLES AND/OR FACE SHIELD. PROVIDE EYEWASH AND QUICK DRENCH SYSTEM. OTHER PROTECTIVE EQUIPMENT: WEAR FULL PROTECTIVE SUIT WHEN SKIN CONTACT IS POSSIBLE. * * * * * * * * * * * * SECTION IX - SPECIAL PRECAUTIONS * * * * * * * * * * * * PRECAUTIONARY LABELING HYDROCHLORIC ACID SOLUTION W/ HAI-85M NIS.1116 0 DANGER! MAY CAUSE SEVERE IRRITATION TO EYES AND UPPER RESPIRATORY SYSTEM. MAY BE ABSORBED THROUGH THE SKIN. MAY CAUSE SEVERE EYE AND SKIN BURNS. FOR PRECAUTIONARY STATEMENTS, REFER TO SECTIONS IV-VIII. OTHER HANDLING AND STORAGE CONDITIONS: STORE AWAY FROM ALKALIES. STORE IN A COOL WELL VENTILATED LOCATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPORS. CONTAINER DISPOSITION: EMPTY CONTAINER COMPLETELY. TRANSPORT CONTAINER WITH ALL CLOSURES IN PLACE. RETURN FOR REUSE OR DISPOSE IN A SANITARY LANDFILL BY FIRST OBTAINING LANDFILL OPERATOR'S AUTHORIZATION. * * * * * * * * * * SECTION X - TRANSPORTATION INFORMATION * * * * * * * * * * DOT SHIPPING DESCRIPTION: HYDROCHLORIC ACID SOLUTION - 8 - UN1789 - II RO (HYDROCHLORIC ACID - 5000 LBS) PN: NIS1116 0 PAGE 4 * * * * * * * * * * SECTION XI - ENVIRONMENTAL EVALUATION * * * * * * * * * * EPA SUPERFUND(SARA) TITLE III - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION PRESSURE: N REACTIVE: N ACUTE (IMMEDIATE): Y FIRE: N

CHRONIC (DELAYED): N MIXTURE OR PURE MATERIAL: MIX

- B. EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) 5000 POUNDS - HYDROCHLORIC ACID
- C. EPA SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES) PRODUCT CONTAINS NO EXTREMELY HAZARDOUS COMPONENTS
- D. EPA SARA TITLE III, 40 CFR 372 (LIST OF TOXIC CHEMICALS) COMPONENT NAME CAS-REG-NO PCT HYDROCHLORIC ACID 7647-01-0 11-30 %
- E. COMPONENTS LISTED ON FOLLOWING CHEMICAL INVENTORIES TSCA YES CEPA NE EEC N/D ACOIN N/D NPR NE DRSM NE
- H. EPA RCRA (HAZARDOUS WASTE), 40 CFR 261

IF PRODUCT BECOMES A WASTE, IT DOES MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY US EPA BECAUSE OF:

CORROSIVITY

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THE INFORMATION WHICH IS CONTAINED IN THIS DOCUMENT IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT. HOWEVER, AS SUCH AS IT HAS BEEN OBTAINED FROM VARIOUS SOURCES, INCLUDING THE MANUFACTURER AND INDEPENDENT LABORATORIES, IT IS GIVEN WITHOUT WARRANTY OR REPRESENTATION THAT IT IS COMPLETE, ACCURATE AND CAN BE RELIED UPON. HALLIBURTON HAS NOT ATTEMPTED TO CONCEAL IN ANY WAY THE DELETERIOUS ASPECTS OF THE PRODUCT LISTED HEREIN, BUT MAKES NO WARRANTY AS TO SUCH. FURTHER, AS HALLIBURTON CANNOT ANTICIPATE NOR CONTROL THE MANY SITUATIONS IN WHICH THE LISTED PRODUCT OR THIS INFORMATION MAY BE USED BY OUR CUSTOMER, THERE IS NO GUARANTEE THAT THE HEALTH AND SAFETY PRECAUTIONS SUGGESTED WILL BE PROPER UNDER ALL CONDITIONS. IT IS THE SOLE RESPONSIBILITY OF EACH USER OF THE LISTED PRODUCT TO DETERMINE AND COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE LAWS AND REGULATIONS REGARDING ITS USE OR DISPOSAL. THIS INFORMATION IS GIVEN SOLELY FOR THE PURPOSES OF HEALTH AND SAFETY TO PERSONS AND PROPERTY. ANY OTHER USE OF THIS INFORMATION IS EXPRESSLY PROHIBITED. HEALTH, SAFETY AND ENVIRONMENT DEPARTMENT, HALLIBURTON ENERGY SERVICES.

MO-67 - 55 GALLONS

PAGE 1

MATERIAL SAFETY DATA SHEET HALLIBURTON ENERGY SERVICES DUNCAN, OKLAHOMA 73536 DATE: 01-22-03 REVISED DATE 04-07-99

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 * * * * * * * * * * * * SECTION I - PRODUCT DESCRIPTION * * * * * * * * * * * * * * CHEMICAL CODE: MO-67 - 55 GALLONS PART NUMBER: 516003080 PKG QTY: 55 GALLON DRUM APPLICATION: OIL GELLING SERVICE USED: CHEMICAL SERVICES * * * * * * * * * * * SECTION II - COMPONENT INFORMATION * * * * * * * * * * * * PERCENT TLV PEL 11-30 % C 2 MG/M3 C 2 MG/M3 SODIUM HYDROXIDE * * * * * * * * * * * * SECTION III - PHYSICAL DATA * * * * * * * * * * * * * * * * PROPERTY MEASUREMENT APPEARANCE CLEAR, COLORLESS LIQUID ODOR ODORLESS SPECIFIC GRAVITY (H2O=1) 1.275 BULK DENSITY 10.62 LB/GAL 14 FOR 7.5% SOL. PH SOLUBILITY IN WATER AT 20 DEG C. GMS/100ML H20 COMPLETE BIODEGRADABILITY N/D PERCENT VOLATILES > 70 EVAPORATION RATE (BUTYL ACETATE=1) N/A VAPOR DENSITY N/A VAPOR PRESSURE (MMHG) 12.00 BOILING POINT (760 MMHG) 3234 F / 112 C POUR POINT N/D 507 F / -13 C FREEZE POINT SOLUBILITY IN SEAWATER NOT EVALUATED PARTITION COEF (OCTANOL IN WATER) NOT EVALUATED * * * * * * * * SECTION IV - FIRE AND EXPLOSION DATA * * * * * * * * * * * * * * * NFPA(704) RATING: HEALTH 3 FLAMMABILITY 0 REACTIVITY 1 SPECIAL NONE FLASH POINT NONE AUTOIGNITION TEMPERATURE ND ND LOWER N/D FLAMMABLE LIMITS (% BY VOLUME) UPPER N/D EXTINGUISHING MEDIA: USE MEDIA APPROPRIATE FOR SURROUNDING MATERIALS. SPECIAL FIRE FIGHTING PROCEDURES: FULL PROTECTIVE CLOTHING AND NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS REQUIRED FOR FIRE FIGHTING PERSONNEL. UNUSUAL FIRE AND EXPLOSION HAZARDS: MAY FORM EXPLOSIVE MIXTURE WITH STRONG ACIDS. CONTACT CAUSES BURNS TO EYES AND SKIN. * * * * * * * * * * * SECTION V - HEALTH HAZARD DATA * * * * * * * * * * * * * * PN: 516003080 PAGE 2 CALIFORNIA PROPOSITION 65: PRODUCT OR PRODUCT COMPONENTS ARE NOT REGULATED UNDER CALIF. PROPOSITION 65. CARCINOGENIC DETERMINATION: PRODUCT OR COMPONENTS ARE NOT LISTED AS A POTENTIAL CARCINOGEN "NTP, IARC, OSHA, OR, ACIGH". ACCORDING TO : PRODUCT TOXICITY DATA: IRR SKN-RBT 50 MG/24H SEV

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IRR EYE-RBT 50 UG/24H SEV TOX IPR-MUS LD50: 40 MG/KG PRODUCT TLV: C 2 MG/M3 ROUTES OF EXPOSURE: EYE OR SKIN CONTACT, INHALATION. EYE: VAPORS, MIST OR SPRAY MAY CAUSE SEVERE IRRITATION. MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. SKIN: MAY CAUSE SEVERE BURNS WITH POSSIBLE PERMANENT TISSUE DAMAGE DEPENDING ON THE LENGTH OF EXPOSURE AND THE FIRST AID ACTION GIVEN. INHALATION: VAPOR, MIST OR SPRAY CAUSE SEVERE IRRITATION OF UPPER RESPIRATORY SYSTEM. INGESTION: CORROSIVE TO MOUTH, ESOPHAGUS, AND STOMACH UPON INGESTION. CHRONIC EFFECTS: CONTINUED EXPOSURE CAN ERODE THE TEETH. OTHER SYMPTOMS AFFECTED: BECAUSE OF ITS IRRITATING PROPERTIES, THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS. ----- EMERGENCY AND FIRST AID PROCEDURES ------EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK PROMPT MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! GIVE UP TO TWO (2) QUARTS OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK MEDICAL ATTENTION. * * * * * * * * * * * * SECTION VI - REACTIVITY DATA * * * * * * * * * * * * * * * STABILITY: STABLE CONDITIONS TO AVOID: NOT APPLICABLE. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS (EG. SULFURIC, PHOSPHORIC, NITRIC, HYDROCHLORIC, CHROMIC, SULFONIC) WHICH CAN GENERATE HEAT, SPLATTERING OR BOILING AND THE RELEASE OF TOXIC FUMES. AMPHOTERIC METALS SUCH AS ALUMINUM, MAGNESIUM, LEAD, TIN OR ZINC, WHICH MAY GENERATE AND LIBERATE FLAMMABLE HYDROGEN GAS. HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN. HAZARD POLYMERIZATION: WON"T OCCUR PN: 516003080 PAGE 3 CONDITIONS TO AVOID: NOT APPLICABLE. * * * * * * * * * * SECTION VII - SPILL OR LEAK PROCEDURES * * * * * * * * * * * * STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: USE PROTECTIVE EQUIPMENT. ISOLATE SPILL AND STOP LEAK WHERE SAFE. CONTAIN AND NEUTRALIZE TO A PH OF 6-8. SCOOP UP AND REMOVE. WASTE DISPOSAL METHOD:

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IF MATERIAL HAS BEEN COMPLETELY NEUTRALIZED, GET APPROVAL FROM A SANITARY LANDFILL OPERATOR AND TRANSPORT TO A SANITARY LANDFILL. IF NOT GET APPROVAL FROM HAZARDOUS WASTE DISPOSAL FACILITY, AUTHORIZED UNDER EPA/RCRA SUBTITLE C OR STATE EQUIVALENT. SHIP ABSORBED MATERIAL TO SITE. * * * * * * * * SECTION VIII - SPECIAL PROTECTION INFORMATION * * * * * * * RESPIRATORY PROTECTION (USE NIOSH/MSHA APPROVED EQUIPMENT): TOXIC DUST/MIST RESPIRATOR. VENTILATION: USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION SHOULD BE USED IN AREAS WITHOUT GOOD CROSS VENTILATION. PROTECTIVE GLOVES: IMPERVIOUS RUBBER GLOVES. EYE PROTECTION: WEAR GOGGLES AND/OR FACE SHIELD. PROVIDE EYEWASH AND OUICK DRENCH SYSTEM. OTHER PROTECTIVE EQUIPMENT: WEAR FULL PROTECTIVE SUIT WHEN SKIN CONTACT IS POSSIBLE. * * * * * * * * * * * * SECTION IX - SPECIAL PRECAUTIONS * * * * * * * * * * * * PRECAUTIONARY LABELING MO-67 - 55 GALLONS 516.003080 DANGER! MAY CAUSE SEVERE EYE AND SKIN BURNS. MAY CAUSE SEVERE IRRITATION TO THE UPPER RESPIRATORY SYSTEM. FOR PRECAUTIONARY STATEMENTS, REFER TO SECTIONS IV-VIII. OTHER HANDLING AND STORAGE CONDITIONS: STORE AWAY FROM STRONG ACIDS. STORE IN A COOL WELL VENTILATED LOCATION. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPORS. CONTAINER DISPOSITION: IF CONTAINER RETAINS PRODUCT RESIDUES, LABEL PRECAUTIONS MUST BE OBSERVED. STORE CONTAINER WITH CLOSURES IN PLACE. OFFER EMPTY CONTAINER TO RECONDI-TIONOR OR RECYCLER FOR RECONDITIONING OR DISPOSAL. ENSURE RECONDITIONER OR RECYCLER IS AWARE OF THE PROPERTIES OF THE CONTENTS. * * * * * * * * * * SECTION X - TRANSPORTATION INFORMATION * * * * * * * * * * * DOT SHIPPING DESCRIPTION: SODIUM HYDROXIDE SOLUTION - 8 - UN1824 - II * * * * * * * * * SECTION XI - ENVIRONMENTAL EVALUATION * * * * * * * * * * * * EPA SUPERFUND (SARA) TITLE III - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION FIRE: N PRESSURE: N REACTIVE: N ACUTE (IMMEDIATE): Y CHRONIC (DELAYED): N MIXTURE OR PURE MATERIAL: MIX B. EPA - CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) 475 GALS. - SODIUM HYDROXIDE C. EPA - SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES) PN: 516003080 PAGE 4 PRODUCT CONTAINS NO EXTREMELY HAZARDOUS COMPONENTS D. EPA - SARA TITLE III, 40 CFR 372 (LIST OF TOXIC CHEMICALS) SODIUM HYDROXIDE 1310-73-2 11-30 % E. COMPONENTS LISTED ON FOLLOWING CHEMICAL INVENTORIES TSCA YES CEPA NE EEC N/D ACOIN N/D NPR NE DRSM NE H. EPA - RCRA (HAZARDOUS WASTE), 40 CFR 261

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IF PRODUCT BECOMES A WASTE, IT DOES MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY US EPA BECAUSE OF:

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THE INFORMATION WHICH IS CONTAINED IN THIS DOCUMENT IS BASED UPON AVAILABLE DATA AND BELIEVED TO BE CORRECT. HOWEVER, AS SUCH AS IT HAS BEEN OBTAINED FROM VARIOUS SOURCES, INCLUDING THE MANUFACTURER AND INDEPENDENT LABORATORIES, IT IS GIVEN WITHOUT WARRANTY OR REPRESENTATION THAT IT IS COMPLETE, ACCURATE AND CAN BE RELIED UPON. HALLIBURTON HAS NOT ATTEMPTED TO CONCEAL IN ANY WAY THE DELETERIOUS ASPECTS OF THE PRODUCT LISTED HEREIN, BUT MAKES NO WARRANTY AS TO SUCH. FURTHER, AS HALLIBURTON CANNOT ANTICIPATE NOR CONTROL THE MANY SITUATIONS IN WHICH THE LISTED PRODUCT OR THIS INFORMATION MAY BE USED BY OUR CUSTOMER, THERE IS NO GUARANTEE THAT THE HEALTH AND SAFETY PRECAUTIONS SUGGESTED WILL BE PROPER UNDER ALL CONDITIONS. IT IS THE SOLE RESPONSIBILITY OF EACH USER OF THE LISTED PRODUCT TO DETERMINE AND COMPLY WITH THE REQUIREMENTS OF ALL APPLICABLE LAWS AND REGULATIONS REGARDING ITS USE OR DISPOSAL. THIS INFORMATION IS GIVEN SOLELY FOR THE PURPOSES OF HEALTH AND SAFETY TO PERSONS AND PROPERTY. ANY OTHER USE OF THIS INFORMATION IS EXPRESSLY PROHIBITED. HEALTH, SAFETY AND ENVIRONMENT DEPARTMENT, HALLIBURTON ENERGY SERVICES.

LOSURF-300 NONIONIC SURFACTANT - HAL-TANK PAGE 1

MATERIAL SAFETY DATA SHEET HALLIBURTON ENERGY SERVICES REV DUNCAN, OKLAHOMA 73536

DATE: 01-22-03 REVISED DATE 04-07-99

EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359 EMERGENCY TELEPHONE: 800/666-9260 OR 580/251-3359

* * * * * * * * * * SECTION I ~ PRODUCT DESCRIPTION * * * * * * * * * * * * * * CHEMICAL CODE: LOSURF-300 NONIONIC SURFACTANT - HAL-TANK PART NUMBER: 516001790 PKG QTY: 330 GALLON TANK APPLICATION: NONEMULSIFIER SERVICE USED: STIMULATION * * * * * * * * * * * SECTION II - COMPONENT INFORMATION * * * * * * * * * * * * PERCENT TLV PEL ISOPROPANOL 31-60 % 400 PPM 400 PPM AROMATIC SOLVENT 11-30 % 100 PPM 100 PPM PROPYLENE OXIDE TRACE % 20 PPM 20 PPM NAPHTHALENE 1-10 % 10 PPM 10 PPM * * * * * SECTION III - PHYSICAL DATA * PROPERTY MEASUREMENT AMBER LIQUID APPEARANCE ODOR SOLVENT SPECIFIC GRAVITY (H2O=1) .910 BULK DENSITY 7.59 LB/GAL NOT DETERMINED PH SOLUBILITY IN WATER AT 20 DEG C. GMS/100ML H20 DISPERSES BIODEGRADABILITY N/D PERCENT VOLATILES 46-50 EVAPORATION RATE(BUTYL ACETATE=1) N/D VAPOR DENSITY N/D VAPOR PRESSURE (MMHG) 33.00 N/D BOILING POINT (760 MMHG) POUR POINT N/D FREEZE POINT N/D SOLUBILITY IN SEAWATER NOT EVALUATED PARTITION COEF (OCTANOL IN WATER) NOT EVALUATED * * * * * * * * * SECTION IV - FIRE AND EXPLOSION DATA * * * * * * * * * * * * * NFPA(704) RATING: REACTIVITY 0 SPECIAL NONE HEALTH 1 FLAMMABILITY 4 63 F / 17 C FLASH MTHD PMCC FLASH POINT AUTOIGNITION TEMPERATURE ND ND FLAMMABLE LIMITS (% BY VOLUME) LOWER N/D UPPER N/D EXTINGUISHING MEDIA: USE WATER SPRAY, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE. SPECIAL FIRE FIGHTING PROCEDURES: USE WATER SPRAY TO COOL FIRE-EXPOSED SURFACES. FULL PROTECTIVE CLOTHING AND NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS REQUIRED FOR FIRE FIGHTING PERSONNEL. UNUSUAL FIRE AND EXPLOSION HAZARDS: MAY BE IGNITED BY HEAT, SPARKS, OR FLAMES. FIGHT FIRE FROM A SAFE DISTANCE PN: 516001790 PAGE 2 AND FROM A PROTECTED LOCATION. HEAT MAY BUILD PRESSURE AND RUPTURE CLOSED CONTAINERS, SPREADING THE FIRE AND INCREASING THE RISK OF BURNS AND INJURIES. INCOMPLETE THERMAL DECOMPOSITION MAY PRODUCE CARBON DIOXIDE, CARBON MONOXIDE AND NITROGEN OXIDES. * * * * * * * * * * * * SECTION V - HEALTH HAZARD DATA * * * * * * * * * * * * * * CALIFORNIA PROPOSITION 65: PRODUCT OR PRODUCT COMPONENTS ARE REGULATED UNDER CALIF. PROPOSITION 65.

CARCINOGENIC DETERMINATION:

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PRODUCT OR COMPONENTS ARE NOT LISTED AS A POTENTIAL CARCINOGEN ACCORDING TO : "NTP, IARC, OSHA, OR, ACIGH". PRODUCT TOXICITY DATA: AQU TLM96: 3.3-10 PPM (BROWN SHRIMP) PRODUCT TLV: NOT ESTABLISHED ------ EFFECTS OF EXPOSURE ------ROUTES OF EXPOSURE: EYE OR SKIN CONTACT, INHALATION. EYE MAY CAUSE EYE IRRITATION. SKIN FREQUENT OR PROLONGED CONTACT WILL DRY AND DEFAT THE SKIN, POSSIBLY LEADING TO IRRITATION AND DERMATITIS. REPEATED CONTACT MAY SENSITIZE THE SKIN. INHALATION: HIGH CONCENTRATIONS MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. THIS MAY BE EVIDENCED BY GIDDINESS, HEADACHES, DIZZINESS, NAUSEA, VOMITING OR POSSIBLY UNCONSCIOUSNESS. VAPORS, MIST OR SPRAY MAY CAUSE IRRITATION. INGESTION ASPIRATION INTO LUNGS BY INGESTION OR VOMITING, MAY CAUSE CHEMICAL PNEUMONITIS RESULTING IN EDEMA AND HEMORRAGE AND MAY BE FATAL. SYMPTOMS INCLUDE INCREASED RESPIRATORY RATE AND BLUISH DISCOLORATION OF SKIN. COUGHING AND GAGGING ARE OFTEN NOTED AT THE TIME OF ASPIRATION. CHRONIC EFFECTS: CHRONIC OVEREXPOSURE MAY CAUSE LIVER AND KIDNEY DISORDERS. OTHER SYMPTOMS AFFECTED: BECAUSE OF ITS IRRITATING PROPERTIES, THIS MATERIAL MAY AGGRAVATE AN EXISTING DERMATITIS. BREATHING OF VAPOR AND/OR MISTS MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR FIBROTIC PULMONARY DISEASE. ----- EMERGENCY AND FIRST AID PROCEDURES ------EYE IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK PROMPT MEDICAL ATTENTION. SKIN: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK PROMPT MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! ASPIRATION INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. * * * * * * * * * * * * * SECTION VI - REACTIVITY DATA * * * * * * * * * * * * * * * * STABILITY: STABLE PN: 516001790 PAGE 3 CONDITIONS TO AVOID: HEAT, SPARKS AND OPEN FLAME. INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS. HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND/OR CARBON DIOXIDE. HAZARD POLYMERIZATION: WON"T OCCUR CONDITIONS TO AVOID: NOT APPLICABLE. * * * * * * * * * SECTION VII - SPILL OR LEAK PROCEDURES * * * * * * * * * * * *

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

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USE PROTECTIVE EQUIPMENT. ISOLATE SPILL AREA AND STOP LEAK WHERE SAFE. REMOVE IGNITION SOURCES. CONTAIN AND ABSORB SPILL WITH SAND OR OTHER INERT MATERIAL. SCOOP OR SWEEP UP USING NON-SPARKING TOOLS. IN ENCLOSED AREAS, WEAR SELF-CONTAINED BREATHING APPARATUS. WASTE DISPOSAL METHOD: GET APPROVAL FROM HAZARDOUS WASTE DISPOSAL SITE AUTHORIZED UNDER EPA-RCRA SUBTITLE C OR STATE EQUIVALENT. SHIP TO SITE. * * * * * * * * SECTION VIII - SPECIAL PROTECTION INFORMATION * * * * * * RESPIRATORY PROTECTION (USE NIOSH/MSHA APPROVED EQUIPMENT): ORGANIC VAPOR CARTRIDGE RESPIRATOR WITH A FULL FACEPIECE. **VENTILATION:** USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION SHOULD BE USED IN AREAS WITHOUT GOOD CROSS VENTILATION. LOCAL EXHAUST VENTILATION MUST BE DESIGNED FOR EXPLOSIVE ATMOSPHERES (NEC CLASS I EQUIPMENT). **PROTECTIVE GLOVES:** IMPERVIOUS RUBBER GLOVES. EYE PROTECTION: GOGGLES AND/OR FACE SHIELD. OTHER PROTECTIVE EQUIPMENT: RUBBER APRON TO PREVENT DIRECT SKIN CONTACT. * * * * * * * * * * * * SECTION IX - SPECIAL PRECAUTIONS * * * * * * * * * * * * PRECAUTIONARY LABELING LOSURF-300 NONIONIC SURFACTANT - HAL-TANK516.001790 WARNING! MAY CAUSE HEADACHE, DIZZINESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. MAY CAUSE EYE IRRITATION. MAY CAUSE DEFATTING OF SKIN WHICH MAY LEAD TO IRRITATION OR DERMATITIS. FLAMMABLE! FOR PRECAUTIONARY STATEMENTS, REFER TO SECTIONS IV-VIII. OTHER HANDLING AND STORAGE CONDITIONS: STORE AWAY FROM OXIDIZERS. KEEP FROM HEAT, SPARKS, AND OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID BREATHING VAPORS. CONTAINER DISPOSITION: EMPTY CONTAINER COMPLETELY. TRANSPORT CONTAINER WITH ALL CLOSURES IN PLACE. RETURN FOR REUSE OR DISPOSE IN A SANITARY LANDFILL BY FIRST OBTAINING LANDFILL OPERATOR'S AUTHORIZATION. * * * * * * * * * SECTION X - TRANSPORTATION INFORMATION * * * * * * * * * * DOT SHIPPING DESCRIPTION: FLAMMABLE LIQUID, N.O.S. - 3 - UN1993 - II (CONTAINS ISOPROPANOL) PN: 516001790 PAGE 4 * * * * * * * * * * SECTION XI - ENVIRONMENTAL EVALUATION * * * * * * * * * * * * EPA SUPERFUND(SARA) TITLE III - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION PRESSURE: N REACTIVE: N ACUTE (IMMEDIATE): Y FIRE: Y CHRONIC (DELAYED): N MIXTURE OR PURE MATERIAL: MIX B. EPA - CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) N/A C. EPA - SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES) PRODUCT CONTAINS NO EXTREMELY HAZARDOUS COMPONENTS D. EPA - SARA TITLE III, 40 CFR 372 (LIST OF TOXIC CHEMICALS)

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| PROPYLENE OXIDE | 75-56-9 | TRACE | Ŷ |
| NAPHTHALENE | 91-20-3 | 1-10 | Ŷ |

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- E. COMPONENTS LISTED ON FOLLOWING CHEMICAL INVENTORIES TSCA YES CEPA YES EEC N/D ACOIN N/D NPR NE DRSM NE
- H. EPA RCRA (HAZARDOUS WASTE), 40 CFR 261

IF PRODUCT BECOMES A WASTE, IT DOES MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY US EPA BECAUSE OF:

IGNITABILITY

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Conservation Division | | Form C-13
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| 1. RCRA Exempt: Non-Exempt: Unally Particle 4. Generator Phillips Verbal Approval Received: Yes (Internet Non-Internet Non-Inte | rrict III - (505) 334-6178
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frict IV - (505) 827-7131 | | inta Fe, New Mexico 87505 | | Plus 1 Cor
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District Offic |
| Verbal Approval Received: Yas Z No _ 5. Originating Site S Jag-64119R 2. Management Facility Destination fulling, J3H 2 6. Transporter Kay 3. Address of Facility Operator 544 US How 64 8. State 7. Location of Material (Street Address or ULSTR), B' Sac 8, Tagh Rlow, Rio Aniba Quarda 4. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 8. All requests for approval to accept oilfield 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: Ondunator Ontaminator Ordinating Advection of the approval to accept oilfield 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: Ondunator Ontaminator Ondunator Ontaminator Ondunator Ontaminator Ostate Ostate Ostate | | REQUEST FOR A | PPROVAL TO ACCEPT | SOLID WASTE | |
| Verbal Approval Received: Yas Z No _ 5. Originating Site S Jag-64119R 2. Management Facility Destination fulling, J3H 2 6. Transporter Kay 3. Address of Facility Operator 544 US How 64 8. State 7. Location of Material (Street Address or ULSTR), B' Sac 8, Tagh Rlow, Rio Aniba Quarda 4. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. 8. All requests for approval to accept oilfield 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: Ondunator Ontaminator Ordinating Advection of the approval to accept oilfield 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: Ondunator Ontaminator Ondunator Ontaminator Ondunator Ontaminator Ostate Ostate Ostate | 1. RCRA Exempt: 🗹 | Non-Exempt: 🔲 (| harlie Perrin
V21/03 C 14:50 | 4. Generator Phill | lips |
| 2. Management Pacifity Destination <u>Brilling</u> , <u>SJ</u> <u>H</u> 2, 6. Transporter KU <u>H</u> 3. Address of Facility Operator <u>ST46</u> US Hould 64 3. Address of Facility Operator <u>Sorthington</u> , <u>IM 87401</u> 8. State <u>DM</u> 7. Location of Material (Street Address or ULSTR), <u>B</u> SUC <u>8</u> <u>T29</u> <u>RloW</u> , <u>Rio Aniba County</u> 7. Location of Material (Street Address or ULSTR), <u>B</u> SUC <u>8</u> <u>T29</u> <u>RloW</u> , <u>Rio Aniba County</u> 7. Location of Material (Street Address or ULSTR), <u>B</u> SUC <u>8</u> <u>T29</u> <u>RloW</u> , <u>Rio Aniba County</u> 7. Location of Material (Street Address or ULSTR), <u>B</u> SUC <u>8</u> <u>T29</u> <u>RloW</u> , <u>Rio Aniba County</u> 7. Location of material (Street Address or ULSTR), <u>B</u> SUC <u>8</u> <u>T29</u> <u>RloW</u> , <u>Rio Aniba County</u> 7. Location of material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. 8. All requests for approval to accept contended are only those consigned for transport. 9. All transporters must certify the wastes delivered are only those consigned for transport. 9. Step <u>14</u> <u>cv</u> Known Volume (to be entered by the operator at the end of the haul) <u>28</u> <u>cv</u> <u>SiGNATURE</u> : <u>MAAAAB</u> <u>ALCSON</u> <u>THLE MWO</u> . <u>Admin. QASL</u> . DATE: <u>H191D3</u> <u>TYPE OR PRINT NAME: Landrean</u> <u>ACCKSON</u> <u>THLE: Enviro/Engr</u> DATE: <u>H28/03</u> <u>Landrean</u> <u>Landre</u> | | ived: Yes 🗹 | No 🔲 | | 29-6#19R |
| Address of Pachily Operator Jannington, MN 87401 8. State MM Cocontine of Material (Street Address or ULSTR), B'SLS, Tagh, R.W., Ric Aniba Guidat 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 one-exempt wastes will 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: Condumnated Set from a fank clack. Condumnate Contaminated Set from a fank clack. Condumnate Contaminate | 2. Management Facility I | Destination Ficility | , X3#2 | 6. Transporter Kluf | |
| <u>Circle One:</u> 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. SRIEF DESCRIPTION OF MATERIAL: (Ondendate Contaminated Seed from a family dual . (Interpret of the contaminated Seed from a family dual . (Interpret of the contaminated seed of the new set of the consigned for transport. SIGNATURE: Waste Management received without of the new of the hault of the new from the construction of the contaminated of the contaminated of the new of the hault of the contaminated of the new of the new of the hault of the contaminated of the new of the hault of the new of the new of the new of the hault of the new of the ne | 3. Address of Facility Op | | | 8. State NM | |
| <u>Circle One:</u> A. All requests for approval to accept oilfield axempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept onexempt 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: Condendate contaminated Sold from a fank clark. Condendate contaminate contaminate sold from a fank clark. Condendate co | 7. Location of Material (S | Street Address or ULST | R) "B" Sec 8 Tag | 1. PW Rioar | ibe Courter |
| Generator: one certificate per job.
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to
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| BRIEF DESCRIPTION OF MATERIAL:
Condendate Contaminated Soil from a tank click. | Generator; one co
B. All requests for a
PROVE the mater | ertificate per job.
pproval to accept non-e
rial is not-hazardous an | exempt wastes must be accor | mpanied by necessary chem | nical analysis to |
| Condensate contaminated Soil from a tank leak. | All transporters must c | ertify the wastes delive | red are only those consigned | for transport. | |
| Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Landrea, ackson TELEPHONE NO. (505) (632-01015
(This space for State Use)
APPROVED BY: Demy Form TITLE: Enviro/Engr DATE: 1/28/03
AMA | | Contamina | JAN 2003
OIL COME DIV
DIST. 3
DIST. 3
DIST. 3 | ator at the end of the haul) | ak .
28 |
| APPROVED BY: DEMY FOUNT TITLE: Enviro/Engr DATE: 1/28/03 | | | t ^{err} (2017)
NG D- | (505)(27 | /17/03
-0615 |
| APPROVED BY: 1-28-03 TITLE: geologist DATE: 1-28-03 | - 01 | se)
my Four | TITLE: En viro | /Engr DATE: 1 | 128/03 |
| | APPROVED BY: | = Aufr | | 18T DATE: | -28-03 |

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P.01

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CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | 2. Destination Name: |
|---|---|
| SSJS Huy 64
SSJS Huy 64
FARMINGTON NM | Envirotech Soil Remediation Facility |
| 1115 1/44 64 | |
| 5305 AT FARMINGTON NM | Landfarm #2
Hilltop, New Mexico 632-0615 |
| 3 Odginating Site (Game): | Location of the Waste (Street address &/or ULSTR): |
| 29-6 #19R
Suit From Condensate TA | nte leak (NON Reportaste)
Quantity |
| Arresh list of originating sites as appropriate "B" | Sec ST2911, R 6W/ Pin aruba County |
| 4. Source and Description of Waste | it is a fundation (|
| TWO (2) PUNTA, LEAS OF SUT | Suc 8729N, RION, Pio arriba County
2 8 yands & 6 yands
= 14 yands |
| 4 COBERT A. WIRTANEN | representative for: |
| ano philling | do hereby certify that, |
| according to the Resource Conservation and Recove
1988, regulatory determination, the above described | ery Act (RCRA) and Environmental Protection Agency's July,
waste Is: (Cheok appropriate dessification) |
| ${\frown}$ EXEMPT olifield waste NON-EXE analysis o | MPT oilfield waste which is non-hazardous by characteristic
or by product identification |
| and that nothing has been added to the exempt or n | on-exempt non-hazardous waste defined above. |
| For NON-EXEMPT waste only the following docu
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | mentation is attached (check appropriate items):
Other (description): |
| Name (Original Signature): Rogshir A. Winter | 2 |

-. .

Title: Stean Super Date: 1-13-03

| a <u>trict I</u> - (505) 393-6161
D. Box 1940 | | New Mexico | | Form C-1 |
|--|--|---|--|---------------------------|
| bbs, NM 88241-1980
Itrict II - (505) 748-1283 | | and Natural Resourc | | Originated 4/18 |
| S. First | | Conservation Divisio | on in the second se | |
| esia, NM 88210
<u>trict III</u> - (505) 334-6178 | | 2040 South Pacheco Street
anta Fe, New Mexico 87505 | 5 | Submit Orig
Plus 1 C |
| 00 Rio Brazos Road
ec, NM 87410 | | (505) 827-7131 |) | to appropr
District Of |
| trict IV - (505) 827-7131 | | | 01038 | District Of |
| R | | PPROVAL TO ACCEPT | | |
| / | | (harlie Persin | 0.01 | |
| Verbal Approval Receive | | 1/15/03@apm | 4. Generator | onzallo |
| | 60.400 | Ich soul Remediation | | weise |
| 2. Management Facility De | 5791 115 H | $\frac{3}{10}$ | 6. Transporter Paw | 4 Sona |
| 3. Address of Facility Oper | ator Farmingt | nm 87401 | 8. State MM | |
| 7. Location of Material (Str | eet Address or ULS | (R) Su 28, Talon, K | 16W, Rioassiba | County |
| 9. <u>Circle One</u> : | - | an a | 2150'FNL 1340' | FEL |
| A. All requests for app | roval to accept oilfiel | d exempt wastes will be acc | ompanied by a certification of | of waste from the |
| Generator; one cert | ificate per job.
roval to accept non- | exempt wastes must be acc | ompanied by necessary che | mical analysis to |
| PROVE the material | l is not-hazardous an | d the Generator's certification | on of origin. No waste classif | ied hazardous by |
| listing or testing will | be approved. | • | | *
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| All transporters must cert | tify the wastes delive | red are only those consigned | d for transport. | • |
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| Froduced wa | in contain | mare soupi | orn swarge wi | |
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| Estimated Volume | cy Known V | olume (to be entered by the op | erator at the end of the haul) - | cy |
| | | <u> Marine an Anna An</u> | | |
| SIGNATURE: Dandred | A helse | | Idmin. USSt. DATE: | 115/03 |
| Waste Manager | ment FacilityAuthorized Agen | t - Carlo | · · · · · · · · · · · · · · · · · · · | |
| TYPE OR PRINT NAME: | andrea Ja | ICKSO- TEL | EPHONE NO. (505)63 | 2-0615 |
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APPROVED BY: | ny Frent | TITLE: Envin | o/Engr_ DATE:_ | 1/28/03 |
| je je | ny Frent | TITLE: <u>Enrin</u> | o <u>/Engr</u> DATE:_ | 1/28/03
1-28-03 |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary

Lori Wrotenbery Director Oll Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|--|--|
| COMPRESSOR SYSTEMS INC | ENVAROTECH |
| P.O. Box 1886 | |
| BLOOMFEELO N.M 87413 | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR); |
| GONZALES MESA | SECT, 28 T 26N RANGE GW |
| | 2150'FNL 1340 FEL |
| attach list of originating sites as appropriate | RED ALREA N.M. |
| 4. Source and Description of Waste | |
| PRODUCED WATER SPELL FROM | STORAGE TANK |
| | |
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| | |
| I, Phance RAY | representative for : |
| Print Name | |
| | de hannels and find at a sound to be the D |
| Conservation and Recovery Act (RCRA) and Environmental Pr | do hereby certify that, according to the Resource
otection Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | occoron Agency's Jury, 1988, regulatory determination, the above |
| | |
| | XEMPT oilfield waste which is non-hazardous by characteristic |
| analysi | s or by product identification |
| | |
| and that nothing has been added to the exempt or non-exempt no | onhazardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attac | |
| MSDS Information | Other (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Natura | Ily Occurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| A111 A | |
| Name (Original Signature): | |
| Title: SCHART SERVICE TECH | |
| , | |
| Date: 1/15/03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

| District J |
|--|
| 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 |

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🔲 | 4. Generator: El Paso Field Services |
|--|--|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Navajo City
Compressor Station |
| 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) 3 miles NE of Navajo City, Sec33, T30N, R7W, Rio Arriba County | Project #97057-075 |

9. <u>Circle One</u>:

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 contaminated with produced hydrocarbons. CWS attached.



Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) <u>374</u> cy

SIGNATURE Waste Management Facility Authorized Agent

TITLE: <u>Environmental Administrative Assistant</u> DATE: <u>01/06/03</u>

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| APPROVED BY: Deny Rein TITLE: Enviro / Engr DATE: 2/18/03
APPROVED BY: ATTACKING TITLE: Acronomiest DATE: 2/18/03 | (This space for State Use) | - | · · · · · · · · · · · · · · · · · · · |
|--|----------------------------|---------------------|---------------------------------------|
| APPROVED BY: ATTACKING TITLE: A CALAPIST DATE: 52/18/03 | APPROVED BY: Deny Perry | TITLE: Enviro/ Engy | DATE: 2/18/03 |
| | APPROVED BY: | TITLE: dellagist | DATE: 2/18/03 |

97057-075

CERTIFICATE OF WASTE STATUS

| 1. Gene | erator Name and Address: | 2. Destination Name: |
|-----------|---|---|
| - | El Paso Field Services Co. | Envirotech Soil Remediation Facility |
| | 614 Reilly Avenue | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Origii | nating Site (name): | Location of Waste (Street address &/or ULSTR): |
| Navajo | City Compressor Station | Section 33, T30N, R7W, Rio Arriba Co., NM |
| | | |
| | list of originating sites as appropriate | |
| 4. Sour | ce and Description of Waste | |
| Soil cor | ntaminated with produced hydrocarbons | s |
| 1. | David Bays | representative for: |
| ., | (Print Name) | |
| | El Paso Field Services | Co do boroby cortify that |
| accordin | | <u>CO.</u> do hereby certify that,
overy Act (RCRA) and Environmental Protection Agency's July, |
| | gulatory determination, the above describe | |
| <u> </u> | | 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 NO | I-EXEMPT waste only, the following docur | mentation is attached (check appropriate items): |
| | MSDS Information
RCRA Hazardous Waste Analys
Chain of Custody | Other (description) |
| Name | (Original Signature): | I Bay |
| Title: | Principal E | invironmental Scientist |
| Date: | January 6, | 2003 |
| ···• | | |

| l S. First
esia, NM 88210
utrict III - (505) 334-6178
30 Rio Brazos Road | rals and Natural Resour
Oil Conservation Divisi
2040 South Pacheco Street
Santa Fe, New Mexico 8750 | on | Originated 4/18
Submit Origi
Plus 1 Co
to appropri |
|--|--|--|---|
| ec, NM 87410
httict IV - (505) 827-7131 | (505) 827-7131 | 95026 | District Of |
| REQUEST FO | R APPROVAL TO ACCEP | T SOLID WASTE | |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🔀 | Ó , . | 4. Generator B) St | rices |
| Verbal Approval Received: Yes | | 5. Originating Site S | udge Put |
| 2. Management Facility Destination | iti bandlasnatta | 6. Transporter 72 | a |
| 3. Address of Facility Operator 5796. | | 8. State | |
| 7. Location of Material (Street Address or l | | 3250 South Sid Riv | 4 Road |
| 9. <u>Circle One</u> : | an 19 ann a
Tha tha tha tha tha tha tha tha tha tha t | and a start of the | |
| listing or testing will be approved.
All transporters must certify the wastes d
BRIEF DESCRIPTION OF MATERIAL: | elivered are only those consign | ed for transport. | - |
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| | | JAN 2003 | |
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| Estimated Volume cy Kno | wn Volume (to be entered by the o | perator at the end of the haul) - | 85-66/s_cy |
| Estimated Volume cy Kno
SIGNATURE: MARLA ALLST
Waste Management FacilityAuthorized
TYPE OR PRINT NAME:AND | TITLE ONVIR | perator at the end of the haul) -
(1000 DATE: | 13103
2-0615 |

| District I - (505) 393-6161 New Mexico P. O. Box 1940 Energyinerals and Natural Resource Hobbs, NM 88241-1980 Energyinerals and Natural Resource District II - (505) 748-1283 Oil Conservation Division 811 S. First 2040 South Pacheco Street Artesia, NM 88210 2040 South Pacheco Street District III - (505) 334-6178 Santa Fe, New Mexico 87505 1000 Rio Brazos Road (505) 827-7131 | Form C-138
Originated 4/18/95
n
Submit Origina
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 B) Structs
5. Originating Site Studie Put |
| 2. Management Facility Destination Jacility, Bandfarm# 2- | 6. Transporter TPA |
| 3. Address of Facility Operator 5796 US HWY 64 | 8. State M |
| 7. Location of Material (Street Address or ULSTR) | 3250 SouthSide River Road |
| 9. <u>Circle One</u> : | same grand, rain or top |
| A. All requests for approval to accept oilfield exempt wastes will be accordenerator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. B. All requests for approval to accept non-exempt wastes must be accordenerator. All transporters must certify the wastes delivered are only those consigned. | mpanied by necessary chemical analysis to
n of origin. No waste classified hazardous by |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Estimated Volume cy Known Volume (to be entered by the ope
SIGNATURE: MARA MASA | ismation attached. |
| (This space for State Use)
APPROVED BY: Deny Tour TITLE: Envino | <u>/Engl</u> DATE: 1/28/03 |

| APPR | OVED | BY: |
|---------|------|----------|
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DATE:



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NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 47410 (606) 334-6178 Fax (505)334-6170

GARY E. JOHNSON GOVERNOR

. •

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: 2. Destination Name: B. Structure Built of an intermediation Facility 23. Originating Site Iname): Location of the Waste (Street address &/or ULSTR): 3. Originating Site Iname): Location of the Waste (Street address &/or ULSTR): WALL DAY Location of the Waste (Street address &/or ULSTR): WALL DAY Location of the Waste (Street address &/or ULSTR): WALL DAY Location of the Waste (Street address &/or ULSTR): WALL DAY Source and Description of Waste 4. Source and Description of Waste Icoation of the Waste (Street address &/or ULSTR): WALL DAY Solution of the Waste (Street address &/or ULSTR): WALL DAY Source and Description of Waste Wall Day Solution of the Waste (Street address &/or ULSTR): Wall Source and Description of Waste Icoation of the Waste (Street address &/or ULSTR): Wall Day Solution of the Waste (Street address &/or ULSTR): Image: Source and Description of Waste Source and Description of Waste Image: Source and Description of Waste Source and Description of Waste Image: Source and Pace (Source Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Jue 1988, regulatory determination, the above described waste | | |
|---|--|---|
| Samingta Mm 87401 Intervery, new nexces 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): Walk Day Attach list of originating sites as appropriate 4. Source and Description of Waste Walk Continuation Valk bay Solids Continuation I. Dale Harring a lise as appropriate I. Dale Harring a lise as appropriate I. Dale Harring and the covery act (RCRA) and Environmental Protection Agency's Jul 1988, regulatory determination, the above described waste is: (Check appropriate classification) | | |
| 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): Wash Day Attach list of originating sites as appropriate 4. Source and Description of Wasto Wash Day Source and Description of Wasto I. Dale HARR.Son representative for: B.J. Se Ruice (Print Name) do hereby certify th according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Jul 1988, regulatory determination, the above described waste is: (Check appropriate demilication) | | |
| Wash Days Attach list of originating sites as appropriate 4. Source and Description of Waste Wash Days Source and Description of Waste Image: Days Image: Days Source and Description of Waste Image: Days Image: Days Source and Description of Waste Image: Days Image: | | |
| Attach litt of originating sizes as appropriate
4. Source and Description of Waste
Wabh bay Solids Continuation.
4. Date Harrison of Waste
U abh bay Solids Continuation.
4. Date Harrison of Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Ju
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 Consolidation of Custody
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuate
to 20 NMAC 3.1 subport 1403.C and D.
Name (Original Signature): Mathematican Space | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Source and Description of Waste Wash bay Solids Continuation | wash bary | |
| Wash bay Solids Continuation .
I | Attach list of originating sites as appropriate | |
| I, | · · | |
| (Print Name) do hereby certify th according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Ju 1988, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste NON-EXEMPT oilfield waste NON-EXEMPT oilfield waste 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 This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature): Mathematical Constraints Title: Mathematical Constraints | Wash bay solids con | tinuation. |
| (Print Name) do hereby certify th according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Ju 1988, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste NON-EXEMPT oilfield waste NON-EXEMPT oilfield waste 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 This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature): Mathematical Constraints Title: Mathematical Constraints | | |
| (Print Name) do hereby certify th according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Ju 1988, regulatory determination, the above described waste is: (Check appropriate classification) EXEMPT oilfield waste NON-EXEMPT oilfield waste NON-EXEMPT oilfield waste 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 This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature): Mathematical Constraints Title: Mathematical Constraints | | |
| B. S. Se Ruices do hereby certify th according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Ju 1988, regulatory determination, the above described waste is: (Check appropriate classification) | 1. Dale HARRison | representative for: |
| according to the Resource Conservation and Recovery Act (RCRA) and Environmental Protection Agency's Jul
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):
 | (Print Name) | de boroby positive that |
| 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 This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua to 20 NMAC 3.1 subpart 1403.C and D. Name (Original Signature): Mathematical Supervision Title: Mathematical Supervision | according to the Resource Conservation and Recovery | Act (RCRA) and Environmental Protection Agency's July, |
| For NON-EXEMPT waste the following documentation is attached (check appropriate items):
MSDS InformationOther (description):
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua
to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): | EXEMPT oilfield waste NON-EXEMI
analysis or t | PT oilfield waste which is non-hazardous by characteristic
by product identification |
| MSDS InformationOther (description):
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua
to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): | and that nothing has been added to the exempt or non | exempt non-hazardous waste defined above. |
| RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua
to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): | | |
| Chain of Custody
This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua
to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): | | Other (description): |
| This waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursua
to 20 NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): | ∇ Chain of Custody | |
| Name (Original Signature): And March Supervision | | |
| Title: Roduct Spervisor | | aturally Occurring Radioactive Material (NORM) pursuant |
| Title: Roduct Spervisor | f | |
| | Name (Original Signature): | |
| Date: 1-3-03 | Title: Roduct Sperieson | |
| | Date: | · · · · · · · · · · · · · · · · · · · |

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REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characteristic Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

Date of TCLP

3/15/02-

Printed Name

Title / Agency

PROduct Supervisor

Dale HARRison

Address

3250 Southside River

Signature

Farmington Road Þ

1-3-03

Date

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FNV RO ECHILABS

YERYACTTICAL SOLUTIONS FOR A SETTIER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | BJ Services | Project #: | 95026-001 |
|--------------------|-----------------|------------------|-------------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 03-19-02 |
| Laboratory Number: | 22302 | Date Sampled: | 03-15-02 |
| Chain of Custody: | 9853 | Date Received: | 03-15-02 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 03-19-02 |
| Preservative: | Cool | Date Extracted: | 03-18-02 |
| 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 | 0.440 | 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:

3250 Southside River Rd., Farmington, NM 87401.

Analyst

<u>Austu</u> Review Walter

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PRACTICAL SOLUTIONS FOR A BETTLER TOMORIEOW

EPA METHOD 8040 PHENOLS

| Client: | BJ Services | Project #: | 95026-001 |
|--------------------|-----------------|---------------------|-----------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 03-21-02 |
| Laboratory Number: | 22302 | Date Sampled: | 03-15-02 |
| Chain of Custody: | 9853 | Date Received: | 03-15-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 03-18-02 |
| Preservative: | Cool | Date Analyzed: | 03-21-02 |
| · 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 Recoverie | es: Parameter | Percent Recovery |
|---------------------|---|--------------------------------|
| | 2-Fluorophenol | 98% |
| • | 2,4,6-Tribromophenol | 99% |
| References: Me | thod 1311, Toxicity Characteristic Leaching Procedure Tes | t Methods for Evaluating Solid |
| ÷ Wa | aste, 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:

3250 Southside River Rd., Farmington, NM 87401.

Analyst

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PRACIFICAL SOLUTIONS FOR A SETTLER TOMORIOW

CA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

| Client: | BJ Services | Project #: | 95026-001 |
|--------------------|-----------------|---------------------|-----------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 03-20-02 |
| Laboratory Number: | 22302 | Date Sampled: | 03-15-02 |
| Chain of Custody: | 9853 | Date Received: | 03-15-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 03-18-02 |
| Preservative: | Cool | Date Analyzed: | 03-20-02 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| | | Percent Recovery |
|-------------------------|--|-----------------------|
| | Fluorobenzene | 100% |
| | 1,4-difluorobenzene | 100% |
| | 4-bromochlorobenzene | 100% |
| Method 1311, Toxicity C | Characteristic Leaching Procedure, SW-8 | 46, USEPA, July 1992. |
| Method 5030, Purge-an | d-Trap, SW-846, USEPA, July 1992. | |
| Method 8010, Halogena | ited Volatile Organic, SW-846, USEPA, S | ept. 1994. |
| Method 8020, Aromatic | Volatile Organics, SW-846, USEPA, Sep | t. 1994. |
| Regulatory Limits based | t on 40 CFR part 261 Subpart C section 2 | 261.24, July 1, 1992. |
| 3250 Southside Riv | ver Road, Farmington, NM 87401 | • |
| | Method 5030, Purge-an
Method 8010, Halogena
Method 8020, Aromatic
Regulatory Limits based | 1,4-difluorobenzene |

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ENVIROTECHELABS

PRACTICAL SOLUTIONS FOR A DEMERTICMORICOW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | BJ Services | Project #: | 95026-001 |
|------------------------------|--|--|-----------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 03-19-02 |
| Lab ID#: | 22302 | Date Sampled: | 03-15-02 |
| Sample Matrix: | Sludge | Date Received: | 03-15-02 |
| Preservative: | Cool | Date Analyzed: | 03-18-02 |
| Condition: | Cool and Intact | Chain of Custody: | 9853 |
| | · · | ,
 | |
| Parameter | Result | <u></u> | |
| | | | |
| IGNITABILITY: | Negative | · . | |
| CORROSIVITY: | Negative | pH = 7.47 | |
| REACTIVITY: | Negative | | |
| RCRA Hazardous Waste Criteri | a | · · · | |
| 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:

3250 Southside River Road, Farmington, NM 87401.

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PRACTICAL SOLUTIONS FOR A DETITEBUTOMORROW

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

| Client: | BJ Services | Project #: | 95026-001 |
|--------------------|-----------------|---------------------|-----------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 03-21-02 |
| Laboratory Number: | 22302 | Date Sampled: | 03-15-02 |
| Chain of Custody: | 9853 | Date Received: | 03-15-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 03-18-02 |
| Preservative: | Cool | Date Analyzed: | 03-21-02 |
| Condition: | Cool and Intact | Analysis Requested: | TCLP |

| | Concentration | Det.
Limit | Regulatory
Limit |
|---------------------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (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.

| d-Liquid Extraction | 99%
re, SW-846, USEPA, July 1992.
on, SW-846, USEPA, July 1992.
846, USEPA, Sept. 1986. |
|---------------------|---|
| d-Liquid Extraction | on, SW-846, USEPA, July 1992. |
| | |
| art 261 Subpart C s | section 261.24, July 1, 1992. |
| mington, NM 8 | 87401. |
| 1 | mington, NM 3 |

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QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

ENVIROTEC LABS

PRACTICAL SOLUTIONS FOR A BETWERHTOMOFICOW

_.^A METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 03-20-02 |
| Laboratory Number: | 03-20-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 03-20-02 |
| Condition: | N/A | Analysis Requested: | TCLP |
| <u></u> | | Detection | Regulatory |
| | Concentration | Limit | Limits |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 |
| 2-Butanone (MEK) | ND | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | ND . | 0.0001 | 0.5 |
| 1,2-Dichloroethane | ND | 0.0001 | 0.5 |
| Trichloroethene | ND | 0.0003 | 0.5 |
| Tetrachloroethene | ND | 0.0005 | 0.7 |
| Chlorobenzene | ND | 0.0003 | 100 |
| 1,4-Dichlorobenzene | ND | 0.0002 | 7.5 |

ND - Parameter not detected at the stated detection limit.

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

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PRACTICAL SOLUTIONS FOR A Eletter TOMORROW

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 03-20-02 |
| Laboratory Number: | 03-18-TCV | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 03-20-02 |
| Condition: | N/A | Date Extracted: | 03-18-02 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | Parameter | Percent Recovery |
|---------------------------|----------------------|------------------|
| | Fluorobenzene | 99% |
| | 1,4-difluorobenzene | 98% |
| | 4-bromochlorobenzene | 98% |

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

Comments:

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m Walters hrister Review

Envirotece Labs

PRACIFICAL SOLUTIONS FOR A BETTLER TOMORROW

L. A METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

| Client: | QA/QC | Project #: | N/A |
|---------------------|------------------|-----------------|----------|
| Sample ID: | Matrix Duplicate | Date Reported: | 03-20-02 |
| Laboratory Number: | 22302 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Analysis Requested: | TCLP | Date Analyzed: | 03-20-02 |
| Condition: | N/A | Date Extracted: | 03-18-02 |

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

ND - Parameter not detected at the stated detection limit.

References:

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

Comments:

n Walters Review

Envirotece Labs

PRACTICAL SOLUTIONS FOR A DEFILER TOMORROWA

L. A METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

| Client: | QA/QC | | | Project #: | | N/A |
|---------------------------------------|--------------|--------|--------|---------------|----------|----------|
| Sample ID: | Matrix Spike | | | Date Reporte | ed: | 03-20-02 |
| Laboratory Number: | 22302 | | | Date Sample | ed: | N/A |
| Sample Matrix: | TCLP Extract | | | Date Receive | ed: | N/A |
| Analysis Requested: | TCLP | | | Date Analyze | ed: | 03-20-02 |
| Condition: | N/A | | | Date Extracte | ed: | 03-18-02 |
| · · · · · · · · · · · · · · · · · · · | | | Spiked | | | SW-846 |
| | Sample | Spike | Sample | Det. | | % Rec. |
| | Result | Added | Result | Limit | Percent | Accept. |
| Parameter | (mg/L) | (mg/L) | (mg/L) | (mg/L) | Recovery | Range |
| Vinyl Chloride | ND | 0.050 | 0.0495 | 0.0001 | 99% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 99% | 43-143 |
| 2-Butanone (MEK) | ND | 0.050 | 0.0490 | 0.0001 | 98% | 47-132 |
| Chloroform | ND | 0.050 | 0.0500 | 0.0001 | 100% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0490 | 0.0001 | 98% | 43-143 |
| Benzene | ND | 0.050 | 0.0495 | 0.0001 | 99% | 39-150 |
| 1,2-Dichloroethane | ND | 0.050 | 0.0490 | 0.0001 | 98% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99% | 26-162 |
| Chlorobenzene | NĎ | 0.050 | 0.0495 | 0.0003 | 99% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99% | 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:

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Envirotece Labs

PRACTICAL SOLUTIONS FOR A SEMILER TOMORIOW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

| Client: | QA/QC | Project #: | N/A |
|-----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 03-21-02 |
| Laboratory Number: | 03-21-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 03-21-02 |
| Condition: | N/A | Analysis Requested: | TCLP |
| Analytical Results | | Detection | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND | 0.020 | 2.0 |
| 2,4,5-Trichlorophenoi | 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 22302.

Analyst

prister my Weelen Review

PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|---------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 03-21-02 |
| Laboratory Number: | 03-18-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 03-18-02 |
| Condition: | Cool & Intact | Date Analyzed: | 03-21-02 |
| | | 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 Reco | veries: Paramete | r | Percent Recovery |
|----------------|--|-------------------------------|--------------------------------|
| | 2-Fluorop
2,4,6-Tribr | henol
omophenol | 98%
99% |
| References: | Method 1311, Toxicity Character
Waste, SW-846, USEPA, July 19 | - | Methods for Evaluating Solid |
| | Method 3510, Separatory Funne
Waste, SW-846, USEPA, July 19 | | Methods for Evaluating Solid |
| | Method 8040, Phenols, Test Met | hods for Evaluating Solid Was | te, SW-846, USEPA, Sept. 1986. |
| Note: | Regulatory Limits based on 40 C | FR part 261 subpart C section | 261.24, July 1, 1992. |
| Comments: | QA/QC for sample 22302. | | |
| Analyst | C. africa | (Review | te og Walten |

FOVIRO ECALABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

| <u></u> | | | |
|--------------------|------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | Matrix Duplicate | Date Reported: | 03-21-02 |
| Laboratory Number: | 22302 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 03-18-02 |
| Condition: | Cool & Intact | Date Analyzed: | 03-21-02 |
| | | Analysis Requested: | TCLP |

| Damanatan | Sample
Result | Duplicate
Result | Detection
Limit | Percent |
|-----------------------|------------------|---------------------|--------------------|------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) | 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 C
Waste, SW-846, USEPA | haracteristic Leaching Procedure Test
, July 1992. | Methods for Evaluating Solid |
| | Method 3510, Separator
Waste, SW-846, USEPA | y Funnel Liquid-Liquid Extraction, Test
, July 1992 | Methods for Evaluating Solid |
| | Method 8040, Phenols, | Fest Methods for Evaluating Solid Was | te, 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 : | 22302. | |
| Analyst | - C. afin | | un malten |

ENVIROTFCH ___BS

PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

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

-

| | | Det | Dogulatory |
|--------------------|------------------|---------------------|------------|
| | | Analysis Requested: | TCLP |
| Condition: | N/A | Date Analyzed: | 03-21-02 |
| Preservative: | N/A | Date Extracted: | N/A |
| Sample Matrix: | Hexane | Date Received: | N/A |
| Laboratory Number: | 03-21-TBN | Date Sampled: | N/A |
| Sample ID: | Laboratory Blank | Date Reported: | 03-21-02 |
| Client: | QA/QC | Project #: | N/A |

| Parameter | Concentration
(mg/L) | Limit
(mg/L) | 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.

| Parameter | Percent Recovery |
|------------------|------------------|
| 2-fluorobiphenyl | 96% |
| | |
| | 2-fluorobiphenyl |

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 22302.

Jall Misti Review

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|-----------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 03-21-02 |
| Laboratory Number: | 03-18-TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 03-18-02 |
| Condition: | Cool and Intact | Date Analyzed: | 03-21-02 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | | Parameter | Percent Recovery | | | | | |
|---------------------------|--|-------------------------------------|----------------------------|--|--|--|--|--|
| | ·
· | 2-fluorobiphenyl | 96% | | | | | |
| References: | 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, Nitroaro | matics and Cyclic Ketones, SW-846, | USEPA, Sept. 1986. | | | | | |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C sect | tion 261.24, July 1, 1992. | | | | | |

Comments:

QA/QC for sample 22302.

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m Walters 'hriste Review

TOVIROTEC, LOBS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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: | 03-21-02 |
| Laboratory Number: | 22302 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | 03-18-02 |
| Condition: | N/A | Date Analyzed: | 03-21-02 |
| | | 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, Separato | ry Funnel Liquid-Liquid Extraction, SV | V-846, USEPA, July 1992. | | | | |
| | Method 8090, Nitroaron | natics and Cyclic Ketones, SW-846, L | ISEPA, Sept. 1986. | | | | |
| Note: | Regulatory Limits based | d on 40 CFR part 261 Subpart C secti | on 261.24, July 1, 1992. | | | | |
| | | | | | | | |
| : | 4 | | | | | | |

Comments:

QA/QC for sample 22302.

Analyst

Walter Review

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PRACTICAL SOLUTIONS FOR A BETTIER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|---------------------|-----------------|-----------------|----------|
| Sample ID: | 03-19-TCM QA/QC | Date Reported: | 03-19-02 |
| Laboratory Number: | 22302 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Analysis Requested: | TCLP Metals | Date Analyzed: | 03-19-02 |
| Condition: | N/A | Date Extracted: | N/A |

| Blank & Duplicate | Instrument | Method | Detectio | STATES AND A STATES AND A STATES OF A S | e Duplicate | | Acceptance |
|-------------------|------------|-----------------|----------|---|-------------|------------|-----------------|
| Conc. (mg/L) | Blank | Blank | Limit | A CONTRACT AND A CONTRACT OF A CONTRACT | | Difference | Range |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 0.440 | 0.437 | 0.7% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 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 | ND | ND | 0.0% | 0% - 30% |
| Silver | ND | ND ^a | 0.001 | ND | ND | 0.0% | 0% - 30% |

Acceptance Spike Sample Spiked Percent Sdike Conc. (mg/L Range Addeo Sample Recovery Arsenic 0.500 ND 0.498 99.6% 80% - 120% 80% - 120% Barium 0.500 0.440 0.938 99.8% 80% - 120% Cadmium . 0.500 ND 0.499 99.8% Chromium 0.500 0.001 0.500 99.8% 80% - 120% 80% - 120% Lead 0.500 0.001 0.499 99.6% Mercury 0.050 ND 0.049 98.0% 80% - 120% 80% - 120% 0.500 ND 0.497 99.4% Selenium 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 sample 22302.

Analyst

Walles Review

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CHAIN OF CUSTODY RECORD

09853

| Client / Project Name | • | · · · · | Project Location | · | | | | | | | | | | | <u> </u> | | ,
 |
|------------------------------------|----------------|----------------|------------------|-------------------------|-----------------------|---|-----------------------|----------|---------|-----|---|------|----------|--------------|-----------------|----------|-------|
| - | e S | | 3250 South | hside R | iver Re | for | ANALYSIS / PARAMETERS | | | | | | | | | | |
| Sampler: | | | Client No. | - | | | s | A | | | | | | | Remarks | | |
| BJ Servic
Sampler:
HARLAD M. | Brow | \sim | 95 | 95026-001 5
Sample 2 | | No. of
Containers
TZLP
W/o (H 80 | | | | | | | | | <u> </u> | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | | Cont | 44 | • | | | | | | | | |
| Warsh Bay Sludge | 3.15.02 | B:35 | 22302 | 51 | dge | | 1. | | | | | | | | | | |
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⊂3./5.₀≥ | Time
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| Relinquished by: (Signatu | ıre) | | | | | Receive | d by: | (Signatu | re) | | | | | | | | |
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ington, N | . Highv | vay (| 54 | | | | | Rec | eived Intac | | | |
| | | | | (ann | • · · · | 632-06 | | 0140 | 1 | | | | Cool | - Ice/Blue I | ce | | |

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| Martyn | e |
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| ES25 N. French Dr., Hobbs, NM 88240 | ate of New Mexico
nerals and Natural Resources |
|---|---|
| District III District III OCT 0 1 2003 Oil O | Conservation Division |
| 1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr. Santa Fe. NOLSCONSERVATIO820 | South St. Francis Dr.
nta Fe, NM 87505 |
| DIVISION Sa | |

Form C-138 Revised March 17, 1999

> Submit Original Plus I Copy to Appropriate District Office

> > ઉગુ

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | 4. Generator: Conoco Phillips |
|--|---------------------------------------|
| Verbal Approval Received: Yes No 🛛 | 5. Originating Site: AXI Apache K #2A |
| 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) "P" Sec 4, T26N, R5W,
Rio Arriba County | Project #96052-043 |

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 stained with produced water and used compressor oil.

- 5 -

CWS and Analytical attached.

| Estimated Volume <u>32 cy</u> | Known Volume (to be entered by the operator at the end of the haul) | cy |
|-------------------------------|---|----|
| | | |

| SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 09/29/0 | <u>3</u> |
|--|----------|
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | 1001 |
| (This space for State Use) | |
| APPROVED BY: DEMY Court TITLE: Enviro/ Engl DATE: 9/30/03 | |
| APPROVED BY: Thinky They TITLE: Environmental Geologist DATE: 10-1-03 | |

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 7301 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Conoco Phillips |
|--|---------------------------------------|
| Verbal Approval Received: Yes No 🛛 | 5. Originating Site: AXI Apache K #2A |
| 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) "P" Sec 4, T26N, R5W,
Rio Arriba County | Project #96052-043 |
| | |

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 stained with produced water and used compressor oil.

CWS and Analytical attached.



Estimated Volume <u>32</u> cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE Junice Resistant DATE: 09/29/03 Waste Management Facility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 09/29/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|---------------|
| APPROVED BY: Deny for | TITLE: Enviro/Engl | DATE: 9/30/03 |
| APPROVED BY: | TITLE: | DATE: |



96052-043 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

N

Lori Wrotenbery Director **Oil Conservation Division**

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|---------------------------|---|--|
| | | |
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | • Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | AXI Apache K #ZA
Unit P, Sec. 4, TZGN, ROW | |
| | Rio Arriba County; NM | |
| | attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | 4. Source and Description of Waste | 11 |
| • | 32 cy stained soil (w/ u | sea compressor on) |
| | | |
| | | |
| | | |
| | · · · · | |
| | Monica D Olson | |
| I, | | representative for : |
| | Print Name | |
| | ConocoPhillips Company | to be raby cartify that according to the U.D. |
| Concor | vation and Recovery Act (RCRA) and Environmental Protection | do hereby certify that, according to the Resource |
| describe | ed waste is: (Check appropriate classification) | in rigoroy s suly, 1988, regulatory determination, the above |
| 10301100 | | |
| EX | EMPT oilfield waste NON-EXEN | IPT oilfield waste which is non-hazardous by characteristic |
| | analysis or | r by product identification |
| | - | |
| and that | nothing has been added to the exempt or non-exempt non -h | azardous waste defined above. |
| 1997 - 1997 - 1997 | | |
| For NO | N-EXEMPT waste the following documentation is attached (| |
| | | her (description |
| | RCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| | | |
| | ste is in compliance with Regulated Levels of Naturally Oc | curring Radioactive Materia! (NORM) pursuant to 20 |
| NMAC | 3.1 subpart 1403.C and D. | |
| | $M_{aciaa} \odot \Omega_{acia}$ | |
| Name (0 | Driginal Signature): MMUR D. OLAM | |
| | HSG & Real John Tuden in an | |
| Title: | HSE & legulatory Technician | |
| _ | 9-29-03 | |
| Date: | 1-61-00 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.ennrd.state.nm.us

HOVIROTECH LABS

TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026-000 |
|--------------------|----------------|------------------|---------------|
| Sample ID: | Dump Line Leak | Date Reported: | 09-23-03 |
| Laboratory Number: | 26675 | Date Sampled: | 09-17-03 |
| Chain of Custody: | 11344 | Date Received: | 09-22-03 |
| Sample Matrix: | Soil | Date Analyzed: | 09-23-03 |
| Preservative: | Cool | Date Digested: | 09-22-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) | |
|-----------|--------------------------|--------------------------|-------------------------------------|--|
| • | 0.004 | 0.004 | - | |
| Arsenic | 0.004 | 0.001 | 5.0 | |
| Barium | 6.54 | 0.001 | 100 | |
| Cadmium | 0.002 | 0.001 | 1.0 | |
| Chromium | 0.003 | 0.001 | 5.0 | |
| Lead | 0.005 | 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 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: AXI Apache K-2A.

Analyst

ENVIROTECH LABS

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project # | | | N/A |
|------------------------|-------------|-----------|-----------|--------------------|----------------|----------------------|---|
| Sample ID: | | 09-23-TM | QA/QC | Date Rep | Date Reported: | | 09-23-03 |
| Laboratory Number: | | 26675 | | Date Sam | npled: | | N/A |
| Sample Matrix: | | Soil | | Date Rec | eived: | . • | N/A |
| Analysis Requested: | | Total RCF | RA Metals | Date Ana | lyzed: | | 09-23-03 |
| Condition: | | N/A | | Date Dige | ested: | | 09-22-03 |
| Blank & Duplicate | Instrumen | t Method | Detecti | on Sample | | Linder an entry Lind | 1020 minute a sector terror to the sector terror to the |
| | Blank (mg/l | | Limil | | Duplicate | Diff. | Acceptance
Range |
| Arsenic | ND | ND | 0.001 | 0.004 | 0.004 | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 6.54 | 6.56 | 0.3% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 0.003 | 0.003 | 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 | NÐ | ND | 0.001 | 0.003 | 0.003 | 0.0% | 0% - 30% |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Čeu s | | Spike | Sampl | e Spiked | | | |
| Spike
Conc. (mg/Kg) | | Added | Sampi | e Spiked
Sample | Percent | | Acceptance |
| Conc. (ing/Xg/ | | Auceo | | oampie | Recovery | | Range |
| Arsenic | | 0.500 | 0.004 | 0.503 | 99.8% | | 80% - 120% |
| Barium | | 0.500 | 6.54 | 7.03 | 99.9% | | 80% - 120% |
| Cadmium | | 0.500 | 0.002 | 0.501 | 99.8% | | 80% - 120% |
| Chromium | | 0.500 | 0.003 | 0.503 | 100.0% | | 80% - 120% |
| Lead | | 0.500 | 0.005 | 0.504 | 99.8% | | 80% - 120% |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 120% |
| Selenium | | 0.500 | 0.003 | 0.502 | 99.8% | | 80% - 120% |
| Silver | | 0.500 | ND | 0.49 9 | 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 26675.

Analyst

Muciltus Review

CHAIN OF CUSTODY RECORD

Client / Project Name **Project Location** AXI Apache K-ZA ANALYSIS / PARAMETERS ConocoPhillips Sampler: Client No. Remarks Containers RCCA 8 No. of A-Gomez 96052-026-000. Sample Sample No./ Sample Sample Lab Number Identification Date Time Matrix 26675 Soil ----ν Dump Line Leak 9/17/03 Date Time Received by: (Signature) Date Time Relinquished by: (Signature) Walte Miste m 10.24 9/22/03 10:24 Received by: (Signature) Belinquished by: (Signature) Received by: (Signature) Relinquished by: (Signature) ENVIROTECH INC. Sample Receipt To: Monica Y Ν N/A 5796 U.S. Highway 64 Received Intact Farmington, New Mexico 87401 (505) 632-0615 Cool - Ice/Blue Ice

11344

ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: September 29, 2003

No. of pages including cover sheet: 2

| To: | Lany | | From: | Monica D. Olson |
|-----------|----------------|---|-------------|-----------------|
| Company: | Envirotech | | Department: | San Juan HSE |
| Location: | Farmington, NM | | Phone: | 505-599-3458 |
| Phone: | 505-632-0615 | | Fax: | 505-599-3442 |
| Fax: | 505-632-1865 | | | |
| <u></u> , | | L | | |

Remarks: 🛛 Urgent X For your review 🖓 Reply ASAP 🖓 Please Comment

Lany,

Please see the attached Certificate of Waste Status for the 32 cy of stained soil from the AXI Apache K #2A wellsite. The soil was stained with produced water mixed with used compressor oil. The TCLP test has been completed by your lab.

Please forward to Santa Fe and let me know when we have approval to haul this to your landfarm.

Thank you!

Monica D. Olson 505-599-3458 Distrer1 (625 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

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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

maityne Kieling Form C-138 Revised March 17, 1999

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Submit Original Plus 1 Copy to Appropriate District Office

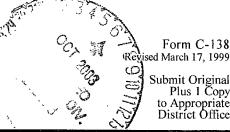
REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Duke Energy Field
Services | | |
|---|--|--|--|
| Verbal Approval Received: Yes X No X
10/2/03
Denny Jou St | 5. Originating Site: Sims Mesa
Compressor Station | | |
| 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) NE/4, Sec 22, T30N, R7W,
Rio Arriba County | Project #97065-007 | | |
| 9. <u>Circle One</u> : | | | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste c approved | ecessary chemical analysis to PROVE the | | |
| All transporters must certify the wastes delivered are only those consigned for trans | port. | | |
| BRIEF DESCRIPTION OF MATERIAL: | and the same | | |
| Lube Oil contaminated soil generated when day tank was overfilled. New p | product. | | |
| CWS & MSDS attached. | | | |
| Estimated Volume <u>-80</u> cy Known Volume (to be entered by the operator at the end | of the haul) \underline{ST} cy | | |
| SIGNATURE Jandella R. Ackson TITLE: Environmental
Waste Management Facility Authorized Agent | Administrative Assistant DATE: 09/30/03 | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | 2000 | | |
| (This space for State Use)
APPROVED BY: Den Tent TITLE: Enviro | [Engy DATE: 10/6/2003 | | |
| APPROVED BY: Manty JHg, TITLE: Envivorme | A Grulogist DATE: 10/8/03 | | |
| | | | |

District I 625 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



Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID

| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Duke Energy Field
Services |
|--|--|
| Verbal Approval Received: Yes X No X
1012103
Denny Joust | 5. Originating Site: Sims Mesa
Compressor Station |
| 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) NE/4, Sec 22, T30N, R7W, Rio Arriba County | Project #97065-007 |
| 9. <u>Circle One</u> :
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:

Lube Oil contaminated soil generated when day tank was overfilled. New product.

CWS & MSDS attached.

| Estimated Volume ~80 cy | Known Volume (to be entered by the operator at the end of the haul) | cy |
|-------------------------|---|----|
| | | |

| SIGNATURE Handruk R. Jackson | TITLE: Environmental Administrative Assistant | DATE: <u>09/30/03</u> |
|------------------------------|---|-----------------------|
|------------------------------|---|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|-----------------|
| APPROVED BY: Demp second | TITLE: Enviro/Engr | DATE: 10[6/2003 |
| APPROVED BY: | TITLE: | DATE: |



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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: |
|-------------|--|---|
| | | Envirotech Inc. Soil Remediation Facility |
| | Duke Energy Field Services | Landfarm #2 |
| 1 | PO Box 69 Bloomfield, New Mexico | |
| | 87413 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR); |
| | Sims Mesa Compressor Station | NE1/4 sec 22 T30n R7w |
| | Sins mesa compressor Station | Rio Arriba County |
| | | Rio Arrioa County |
| | attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | | |
| | Lube oil day tank over filled, 80 yards of lube oil contamina | ted soil |
| 1 | | |
| ì | | |
| I N | fichael Lee
Print Name | representative for ; |
| •, | Print Name | |
| | | |
| Duke I | Energy Field Services | do hereby certify that, |
| accordit | Energy Field Services
ng to the Resource Conservation and Recovery Act (RCRA) and | ad Environmental Protection Agency's July, 1988, regulatory |
| determi | nation, the above described waste is: (Check appropriate class | ification) |
| | | <i>,</i> |
| EX | EMPT oilfield wasteXNON-EXE | MPT oilfield waste which is non-hazardous by characteristic |
| | analysis or by | y product identification |
| | | |
| and that | nothing has been added to the exempt or non-exempt non -ha | zardous waste defined above. |
| | | the last surface (surger) |
| For NO. | N-EXEMPT waste the following documentation is attached (| |
| | | ther (description |
| | RCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| | | |
| | iste is in compliance with Regulated Levels of Naturally O | curring Radioactive Material (NORM) pursuant to 20 |
| <u>NMAC</u> | 3.1 subpart 1403.C and D. | |
| Name (| Original Signature): | |
| | | |
| Title: | Field Supervisor | |
| _ | | |
| Phone N | Number:505-632-6463
9/30/03 | |
| Date: | 9/30/03 | |

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Pogasus 89 605717-00 MOBIL PEGASUS 710 MATERIAL SAFETY DATA BULLETIN _____ 1. PRODUCT AND COMPANY IDENTIFICATION PRODUCT NAME: MOBIL PEGASUS 710 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: Lubricance and Specialties: 800-662-4525 800-443-9966 Fuels Products: 800-947-9147 MSDS Fax on Demand: 513-228-1467 MSDS Internet Website: http://emmeds.ihssolutions.com/ 2. COMPOSITION/INFORMATION ON INGREDIENTS _____ _____ CHEMICAL NAMES AND SYNONYMS: SEVERE TREAT MIN. OILS & ADDITIVES GLOBALLY REPORTABLE MSDS INGREDIENTS: Substance Name Approx. WI% _____ ~~~~~ CALCIUM PRENATE, SULFURIZED, 1-5 HIGH OVERBASED SULFONIC ACIDS, PETROLEUM, 1-5 CALCIUM SALTS (SYNTHETIC) (61789-86-4) OTHER INGREDIENTS: Approx. Wtw Substance Name -----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: Amber Liquid. DOT ERG No. : NA POTENTIAL HEALTH EFFECTS: Under cormal 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

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| 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. |
| <pre>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): > 246(475) (ASTM D-92).
Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%</pre> |
| 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 (B00)424-B802. 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 6 for additional personal
protection advice when handling this product. |

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STORAGE: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong exidizing 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: Amber ODOR: Mild ODOR THRESHOLD-ppm: NE ph: NA BOILING POINT C(F): > 288(550) MELTING POINT C(F) : NA FLASH POINT C(F): > 246(475) (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: 0.896 SOLUBILITY IN WATER: Negligible PARTITION COSFFICIENT: > 3.5 VISCOSITY AT 40 C, CSt: 121.0 VISCOSITY AT 100 C, CSC: 13.2 POUR POINT C(F): < -15(5)

FREEZING POINT C(F): NE VOLATILE ORGANIC COMPOUND: NE DMSO EXTRACT, IP-345 (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 cesting 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 effocts. ---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 stc.). --- 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

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| 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 |
| |

T-461 P.07/08 F-145 +5056326485 Sep-30-03 05:42pm From-DUKE ENERG VERDE PLANT 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/Preparacions Directives. EU labeling not required. Sovernmental 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 concains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program. The following product ingredients are cited on the lists below: CAS NUMBER LIST CITATIONS CHEMICAL NAME . -ZINC (ELEMENTAL ANALYSIS) (0.03%) 7440-65-6 22 68649-42-3 22 PHOSPHORODITHOIC ACID, 0,0-DI 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=05HA 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. Figet 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: 605717-00, ELIS: 403164, CMCS97: 979930, REQ: US - MARKETING, SAFE USE: L EHS Approval Date: 08JUL2002 Legally required information is given in accordance with applicable

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District T 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

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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

martyne

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: | 4. Generator: Devon Energy Production
Co. | |
|---|--|--|
| Verbal Approval Received: Yes No D
Denny Foust 9/22/03 | 5. Originating Site: NEBU 497A | |
| 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) "H" Sec 30, T31N, R6W,
Rio Arriba County | Project #01058- | |
| 9. <u>Circle One</u> : | | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste c approved | ecessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be | |
| All transporters must certify the wastes delivered are only those consigned for trans | sport. | |
| BRIEF DESCRIPTION OF MATERIAL:
Soil contaminated with new No. 2 Red Dye Diesel.
CWS & MSDS attached. | SEP COM | |
| | A A A A A A A A A A A A A A A A A A A | |
| Estimated Volume 21 cy Known Volume (to be entered by the operator at the end of the haul) $\frac{9}{1-cy}$ g | | |
| SIGNATURE Management Pacifity Authorized Agent
Waste Management Pacifity Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | Administrative Assistant DATE: 09/23/03 | |
| | nmenter 1/ Engr DATE: 9/30/03 | |
| APPROVED BY: Martin Mal TITLE: English | del localogist DATE: 10/1/03 | |
| | | |

District I 1625 N. French Dr., Hobbs, NM 88240 District II 301 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

Oil Conservation Division

1220 South St. Francis Dr.

Submit Original Plus 1 Copy to Appropriate District Office

Santa Fe, NM 87505

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Devon Energy Production Co. | |
|---|---|--|
| Verbal Approval Received: Yes No Denny Foust 9/22/03 | 5. Originating Site: NEBU 497A | |
| 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) "H" Sec 30, T31N, R6W,
Rio Arriba County | Project #01058- | |

9. <u>Circle One</u>:

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 contaminated with new No. 2 Red Dye Diesel.

CWS & MSDS attached.



| Estimated Volume 21 cy | Known Volume (to be entered | by the operator at the end of th | ne haul)cy | |
|----------------------------|--------------------------------|---------------------------------------|-------------------------|-----------------------|
| SIGNATURE Manage | ment Facility Authorized Agent | TITLE: Environmental A | dministrative Assistant | DATE: <u>09/23/03</u> |
| TYPE OR PRINT NAME: I | Landrea Jackson TELEPHO | DNE NO: <u>(505) 632-0615</u> | | |
| (This space for State Use) | , | · · · · · · · · · · · · · · · · · · · | | |
| APPROVED BY: | my pent | TITLE: Environm | nenta//Engl-DATE | : <u>9/30/03</u> |
| APPROVED BY: | // | TITLE: | DATE | |



01058 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Gavernor Joanna Prukop Cabinet Sccretary

9-23-03

Date:__

Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|---|
| Peuon Energy Pruduction Co. L.P. | Envirotech Inc. Soil Remediation Facility |
| 1751 Hiway 511 | Landfarm #2 |
| Navaju Dam, New Mexico 87419 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| NEBU 497A | H"Sec 30, T310, RGW, Ris andre |
| | |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| Top soil contamineted with #2 | Diesel fuel |
| | |
| | |
| | |
| \mathbf{R} | |
| I, Robert A. Jordan | representative for : |
| | |
| D-won Energy Production Co. L.P.
Conservation and Recovery Act (RCRA) and Environmental Protection | 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) | |
| VENER Alfald ungto | T oilfield waste which is non-hazardous by characteristic |
| EXEMPT oilfield waste NON-EXEMP | y product identification |
| | y product recarding |
| and that nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attached (ch | |
| | er (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occu | urring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | and choice of the county pursuant to 20 |
| - PAG | |
| Name (Original Signature) | |
| | |
| Title: Drilling Supervisor | |
| Phone Number: (605) 320-1395 | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emmrd.state.nm.us</u>



-7

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

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME: DIESEL FUEL CAS NUMBER: 68476-34-6CHEMICAL FAMILY: Petroleum Hydrocarbon FORMULA: $C_{10}H_{22}-C_{16}H_{34}$

SYNONYMS: Diesel Fuel #2, Petroleum Distrillate, Diesel, #2 Fuel Oil NA 1993, Highway Diesel, Off Road Diesel (if dyed red).



SECTION 2 - HAZARDOUS INGREDIENTS

| | APPF | ROX. | | | | |
|--------------------------|------------|---------|----------|------|------------|------|
| HAZARDOUS COMPONENTS | CAS NO. | ' NOT & | TLV | STEL | PEL (OSHA) | IDLH |
| DIESEL FUEL (containing) | 68476-34-6 | 99 | NA | NA | NA | NA . |
| Naphalene | ĕ 91-20-3 | ĕ 1 | ĕ10 ppmĕ | NA | ĕ 10 ppm ĕ | 250 |

OTHER INGREDIENT INFORMATION: Sulfur in the form of mercaptans or hydrogen sulfide may be present greater than 0.05% by weight.

SECTION 3 - PHYSICAL DATA

BOILING POINT: -315-575°F VAPOR PRESSURE: @100°F 25mm Hg VAPOR DENSITY (AIR=1): N/A SOLUBILITY IN WATTER: Insoluble ODOR THRESHOLD: N/A APPEARANCE AND ODOR: Clear to yellow liquid. Oily, petroleum odor. May be dyed red in off road usage (agricultural, mining, etc.). • PAGE 1

DATE PREPARED 12/08/99

ISSUE NO. 5

LOW SULFUR DIESEL FUEL

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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)

SECTION 5 - REACTIVITY DATA

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)

SECTION 6 - HEALTH HAZARD DATA

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)

• PAGE 2

DATE PREPARED 12/08/99 HIGH SULFUR DIESEL FUEL

ISSUE NO. 5

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

- 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 containers should be properly grounded. This material is subject to OSHA and DOT regulation. Portable metal containers should be bonded to the storage container before transferring liquid.
- OTHER PRECAUTIONS: Avoid breathing vapors. Vapors may be explosive. Do not weld on containers unless properly cleaned and purged using safe work procedures. Trace amounts of hydrogen sulfide may be present in the product. Accumulation of hydrogen sulfide may occur in vapor spaces of confined spaces where this product is handled, stored or used.

SECTION 8 - ENVIRONMENTAL AND SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION: Use NIOSH\MSHA approved respiratory protection in areas exceeding exposure limits, the type to be determined by the degree of exposure.
- VENTILATION: Use in well ventilated area or provide ventilation to limit exposure to acceptable levels.
- 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. • PÅGE 3

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| District | |
|------------|-------------------------------------|
| 1625 (i) | French Dr., Hobbs, NM 88240 |
| listrict | 5 |
| 1301 W | Grand Avenue, Artesia, NM 88210 |
| District | II |
| 1000 Ri | Brazos Road, Azteo, NM 87410 |
| District] | (V |
| 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Coastal Chemical, LLC |
|--|---|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Tiffany Glycol Plant |
| 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) 3021 CR 328, Ignacio | Project #95007-013 |

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.

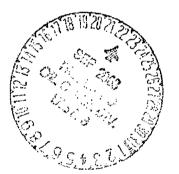
B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved

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

BRIEF DESCRIPTION OF MATERIAL:

Spent glycol contaminated soil from cleaning out glycol ponds.

CWS and letter to CDPHE attached.



Estimated Volume 80 cy Known Volume (to be entered by the operator at the end of the haul)

TITLE: Environmental Administrative Assistant DATE: 09/10/03 \$ SIGNATURE Waste Management Pacility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | ć | |
|----------------------------|-------------------------------|----------------------|
| | | 1 |
| APPROVED BY: Deny terr | TITLE: Enviro/Engl | DATE: <u>9/30/03</u> |
| | TITLE: Environmenter Codogist | DATE: 10/1/03 |
| | | |

District 1 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: 🗌 | 4. Generator: Coastal Chemical, LLC |
|--|---|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Tiffany Glycol Plant |
| 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) 3021 CR 328, Ignacio | Project #95007-013 |

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:

Spent glycol contaminated soil from cleaning out glycol ponds.

CWS and letter to CDPHE attached.



_cy

| Estimated Volume <u>80 cy</u> | Known Volume (to be entered by the operator at the end of the haul) | |
|-------------------------------|---|--|
|-------------------------------|---|--|

SIGNATURE Ma Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 09/10/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|----------------------|
| APPROVED BY: Demy ferry | TITLE: Enviro/Engr | date: <u>9/30/03</u> |
| APPROVED BY: | TITLE: | DATE: |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Coversor Jeanna Prukop Cathaet Secretary

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Lori Wrotenbery Diveer Oli Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address
Cogstal Memical CO., C.,
3520 Veteroy Memorial
Abbaille, LA 70510 | |
|--|--|
| 3. Originating Site (name):
T: flag blyce plant.
attach list of originating sites as appropriate
4. Source and Description of Waste | Location of the Waste (Street address &/or ULSTR):
3021 CountyRd 328
Ignacio, CU 81137. |
| 4. Source and Description of Waste
Spent Glycol Brown | Gas Dehydration. |
| 1. Chan La R. Jourson
Print Name
Dastal Chamical O.
Conservation and Recovery Act (RCRA) and Environmental Protection | representative for :
do hereby certify that, according to the Resource
on Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| EXEMPT oilfield weste NON-EXER | MPT oilfield waste which is non-hazardous by characteristic
r by product identification
hazardous waste defined above. |
| EXEMPT oilfield waste
and that nothing has been added to the exempt of non-exempt non
For NON-EXEMPT waste the following documentation is attached | r by product identification
1828rdous waste defined above. |
| EXEMPT oilfield waste | r by product identification
hazardous waste defined above.
(check appropriate items):
ther (description |
| EXEMPT oilfield waste | r by product identification
hazardous waste defined above.
(check appropriate items):
ther (description |
| EXEMPT oilfield waste | r by product identification
hazardous waste defined above.
(check appropriate items):
ther (description |
| EXEMPT oilfield waste | r by product identification
hazardous waste defined above.
(check appropriate items):
ther (description |

Oil Conservation Division ⁶ 1000 Rio Brazos Road ⁶ Aztec, New Mexico 87410 Phone: (505) 334-6178 ⁶ Fax (505) 334-6170 ⁶ <u>http://www.eunard.state.not.us</u>



CDPHE Donna Stoner 222 South 6th St. Rm 232 Grand Junction, CO 81501

Dear Ms. Stoner,

The purpose of this letter is to inform you Coastal Chemical is using Envirotech, inc. from Farmington, NM to clean several tanks at our Tiffany location. The waste generated from the cleaning process will be land formed at the Envirotech Inc. Soil Remediation Facility in Hilltop, NM.

Please contact me with any questions.

Sincerely,

Charles H. Toups, CHMM Director of HS&E

Direct line 337-272-0132 Mobil 337-298-1928

District J 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Dominion Exploration and Production |
|--|---|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Miles 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) "C" Sec 5, T26N, R7W,
Rio Arriba County (API #30-039-06759, Lease Serial # SF-079162) | Project #03100-001 |

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:

Contaminated soil from produced water pit closure.

CWS attached.



Estimated Volume _cy

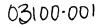
2 D_cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE ነው Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 09/08/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | C 11/105 |
|--|----------------------|
| APPROVED BY: hten gen TITLE: EnvirolEngl | DATE: <u>7/16/03</u> |
| APPROVED BY: TITLE: | DATE: 9-16-03 |





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Gøvernor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director **Oil Conservation Division**

CERTIFICATE OF WASTE STATUS

| ſ | 1. Generator Name and Address | | | | |
|-----------|--|---|--|--|--|
| | | 2. Destination Name: | | | |
| | Dominion Exploration & Production, Inc. | Envirotech Inc. Soil Remediation Facility | | | |
| | P.O. Box 370 | Landfarm #2 | | | |
| | Carlsbad, New Mexico 88221-0370 | Hilltop, New Mexico | | | |
| - | 3. Originating Site (name): | cation of the Waste (Street address &/or ULSTR): | | | |
| | Miles Federal #1 API # 30-039-06759 Lease Seria | 1# SF-079162 | | | |
| | Unit C, Section 5, Township 26N, Range 7W Rio | Arriba County | | | |
| | attach list of originating sites as appropriate | | | | |
| | 4. Source and Description of Waste | | | | |
| | Soil from produced water pit closure | | | | |
| | 1 | | | | |
| | | | | | |
| L | | | | | |
| I, | Gary Miller | representative for : | | | |
| | Print Name | | | | |
| n | | | | | |
| | ominion Exploration & Production, Inc. | do hereby certify that, according | | | |
| | esource Conservation and Recovery Act (RCRA) and Environm | | | | |
| determi | nation, the above described waste is: (Check appropriate classif | ication) | | | |
| v | WEMDE - Heald | | | | |
| <u></u> _ | | PT oilfield waste which is non-hazardous by characteristic | | | |
| and that | nothing has been added to the exempt or non-exempt non –haz | product identification | | | |
| | nothing has been added to the exempt of non-exempt for -mazi | nuous waste defined above. | | | |
| For NO | N-EXEMPT waste the following documentation is attached (ch | eck appropriate items): | | | |
| POLINO | | er (description | | | |
| | RCRA Hazardous Waste Analysis | er (description | | | |
| | Chain of Custody | | | | |
| | | | | | |
| This wa | ste is in compliance with Regulated Levels of Naturally Occ | urring Radioactive Material (NORM) pursuant to 20 | | | |
| | 3.1 subpart 1403.C and D. | | | | |
| | | | | | |
| Name (| Original Signature): | | | | |
| | | | | | |
| Title: | Agent | | | | |
| | | | | | |
| Phone N | Number: <u>432-682-4559</u> | | | | |
| Date: | Spot. 8th 2003 | | | | |
| | | | | | |

Dictri 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Dominion Exploration and Production |
|---|---|
| Verbal Approval Received: Yes No 🛛 . | 5. Originating Site: Burns 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) "A" Sec 5, T26N, R7W,
Rio Arriba County (API #30-039-06756, Lease Serial #SF-079162) | Project #03100-002 |

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:

Contaminated soil from produced water pit closure.

CWS attached.



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

GA Ø SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 09/08/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use)
APPROVED BY: Denn Torn | TITLE: Enviro/Eng | DATE: 9/16/03 |
|--|-------------------------|----------------------|
| APPROVED BY: Att Aff | TITLE: <u>qellagist</u> | DATE: <u>9-16-03</u> |



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

| | . Generator Name and Address | 2. Destination Name: | | | |
|-------------|---|---|--|--|--|
| | Dominion Exploration & Production, Inc. | Envirotech Inc. Soil Remediation Facility | | | |
| 1 | P.O. Box 370 | Landfarm #2 | | | |
| | Carlsbad, New Mexico 88221-0370 | | | | |
| | ansbau, new Mexico 88221-0570 | Hilltop, New Mexico | | | |
| 3 | . Originating Site (name): | ocation of the Waste (Street address &/or ULSTR): | | | |
| | Burns Federal #1 API # 30-039-06756 Lease Seri | | | | |
| | Jnit A, Section 5, Township 26N, Range 7W Rio | | | | |
| | | | | | |
| at | ttach list of originating sites as appropriate | | | | |
| 1 | . Source and Description of Waste | | | | |
| S | soil from produced water pit closure | | | | |
| | | | | | |
| | | | | | |
| L | | | | | |
| I. | Gary Miller | representative for : | | | |
| 2 | Print Name | | | | |
| | | | | | |
| | ninion Exploration & Production, Inc. | do hereby certify that, according | | | |
| | ource Conservation and Recovery Act (RCRA) and Environ | | | | |
| determinat | tion, the above described waste is: (Check appropriate classi | fication) | | | |
| V EV | EMPT oilfield wasteNON-EXEM | APT ailfield waste which is non herendous hy characteristic | | | |
| <u> </u> | | 1PT oilfield waste which is non-hazardous by characteristic product identification | | | |
| and that no | othing has been added to the exempt or non-exempt nonhaz | | | | |
| | | | | | |
| For NON- | EXEMPT waste the following documentation is attached (c | heck appropriate items): | | | |
| | | her (description | | | |
| _ | RCRA Hazardous Waste Analysis | | | | |
| | Chain of Custody | | | | |
| This work | e is in compliance with Regulated Leyels of Naturally Oc | auguing Dadia acting Matarial (NODM) auguant to 20 | | | |
| | 1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 | | | |
| | | | | | |
| Name (Or | iginal Signature): | | | | |
| | | | | | |
| Title: | Agent | | | | |
| Dhono N. | mber: <u>432-682-4559</u> | | | | |
| Phone Nu | | | | | |
| Date: | of 91 2003 | | | | |
| | | | | | |

District² State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resources District II Revised March 17, 1999 1301 W. Grand Avenue, Artesia, NM 88210 District III Oil Conservation Division Submit Original 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 **REQUEST FOR APPROVAL TO ACCEPT SOLID.WASTE** 4. Generator: Process Equipment and 1. RCRA Exempt: Non-Exempt: Service Company Verbal Approval Received: No 🖂 Yes \square 5. Originating Site: PESCO Main Yard 2. Management Facility Destination: Envirotech Soil Remediation Facility, 6. Transporter: Envirotech Landfarm #2 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 8. State: New Mexico 87401 7. Location of Material (Street Address or ULSTR) 5680 Highway 64, Project #92142 Farmington

Form C-138

Plus 1 Copy

to Appropriate District Office

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:

Solids generated from cleaning and refurbishing production storage tanks, separators, dehydrators, and other production equipment.

Certificate of Waste Status and NORMS attached.

Known Volume (to be entered by the operator at the end of the haul) $\frac{14}{2}$ cy Estimated Volume 16 boxes cy

| SIGNATURE | Kandria
Waste Management Fac | Ility Aut | horized Agent |) TITLE: | Environmental Administrative Assistant | DATE: <u>09/02/03</u> |
|-----------|---------------------------------|-----------|---------------|----------|--|-----------------------|
|-----------|---------------------------------|-----------|---------------|----------|--|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | |
|--|--------------------------------|
| APPROVED BY: Deny tand TITLE: Enviro/Eng | <u>ze</u> date: <u>9/05/03</u> |
| APPROVED BY: | 5× DATE: 9-5-03 |



۹٦،4٦ 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: |
|---|--|
| PESCO | Envirotech Inc. Soil Remediation Facility |
| 5680 Highway 64 | Landfarm #2 |
| Farmington, New Mexico | Hilltop, New Mexico |
| | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Process Equipment & Service Company | Mainyard, stored in 18 sq. ft. & 12 sq. ft. steel boxes. |
| 5680 Highway 64 | |
| Farmington, New Mexico | |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| production equipment. | roduction storage tanks, separators, dehydrators, and other |
| production equipment. | |
| | |
| | |
| | |
| 2 21. | |
| 1. Dyron Deton. | representative for : |
| Print Name | |
| Process Equipment i Service Co.
Conservation and Recovery Act (RCRA) and Environmental Prodescribed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
otection Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield wasteNON-E analysi | XEMPT oilfield waste which is non-hazardous by characteristic is or by product identification |
| and that nothing has been added to the exempt or non-exempt no | on –hazardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attac | ched (check appropriate items). |
| MSDS Information | Other (description |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| NMAC 3.1 subpart 1403.C and D. | Ily Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): By Bula | 2 |
| Title: Repair Shop Supervisor | |
| Date: 09/02/03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nin.us</u> 1.22

NORM SURVEY DATA SHEET

Facility/location. Pesco Steam 9/2/03 Date: Meter Model: DOSIMETER 3007A Serial No: 9808-238 Detector Model: DOSINETER 3012 Serial No: 201-887-7100 Calibration Date: 08/08/2001 Barrery Check: (V) Background Radiation Level: _. D.3 ___mR hr Description of material surveyed: Waste Item / Material Surveyed: Waste Material: 360 mR hr: ,04 Equipment: Manufacturer: Serial No Description: Exempt Wast Job No Comments 16 square Survey Conducted by IV. the

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: 🗌 | 4. Generator: Merrion Oil and Gas |
|---|-----------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Flush #1 SWD |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: M&R Trucking |
| 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) 1910'FNL, 1765'FWL, Sec2, T26N, R13W, SJC | Project #03048-006 |

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:

Produced water disposal tank bottoms.

CWS attached.

*(Date on CWS and date on C-138 differ due to misplacement of original paperwork and delay of receival of load

| Estimated Volume 200BBL cy | Known Volume (to be entered by the operator at the end of the haul) | 7.86 |
|----------------------------|---|------|
| <i>`</i> | | |

DSD SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 08/28/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| | ٦ |
|--|---|
| This space for State Use) | |
| APPROVED BY: DEMY Fant TITLE: Enviro/Engr DATE: 9/5/03 | |
| APPROVED BY: | |

-4

T-212 P.002/002 F-603

| | 03048-006 | | | |
|---|--|--|--|--|
| NEW MEXICO ENEL | RCV MINERALS and | | | |
| | | | | |
| NATURAL RESOL | JRCES DEPARTMENT | | | |
| 102.102 | | | | |
| | Lori Wrotenbery | | | |
| BILL RICHARDSON | Director | | | |
| Governar
Joanna Prukop | Oil Conservation Division | | | |
| Cabinet Secretary | | | | |
| CERTIFICATE OF W | vaste status | | | |
| | 2. Destination Name: | | | |
| 1. Generator Name and Address | Envirotech Inc. Soi! Remediation Facility | | | |
| MERRION OIL \$ 6AS | Landfarm #2 | | | |
| 610 REILLY | Hilltop, New Mexico | | | |
| FARMINGTON, NM 87401 | | | | |
| 3. Originating Site (name): | Location of the Waste (Stree: address &/or ULSTR): | | | |
| FULSH NO. 1 | | | | |
| 1910' FUL & 1765' F.WL, SEC 2, TZON, R 13 | | | | |
| attach list of originating sites as appropriate | COUNTY, NM | | | |
| | TR DUPOSAL WELL | | | |
| WATER DISPOSALTANK BOTTOMS | | | | |
| | | | | |
| | | | | |
| | | | | |
| Y CONNIE DINNING | | | | |
| Y CONNIE DINNING | representative for ; | | | |
| 1, CONNIE DINNING
Print Name | representative for ; | | | |
| | I there is a second ing to the Recourse | | | |
| MGZRIDN OIL & GRI
Conservation and Recovery Act (RCRA) and Environmental Protection | I there is a second ing to the Resource | | | |
| MGCRIDN OIL & GRS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
a Agency's July, 1988, regulatory determination, the above | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
T cilifield waste which is non-hazardous by characteristic | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
a Agency's July, 1988, regulatory determination, the above | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilifield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
To cilifield waste which is non-hazardous by characteristic
by product identification | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste
analysis or
and that nothing has been added to the exempt or non-exempt non -ha | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IPT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above. | | | |
| <u>MGZRIDN</u> OIL & GRS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
<u>EXEMPT</u> oilfield waste
analysis or
and that nothing has been added to the exempt or non-exempt non -ha
ALON EXEMPT and the following documentation is attached (or | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
ITT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above. | | | |
| <u>MGCIEIDN</u> <u>OIL</u> <u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u> | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IPT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above. | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste analysis or
and that nothing has been added to the exempt or non-exempt non -ha
For NON-EXEMPT waste the following documentation is attached (of
MSDS Information Other RCRA Hazardous Waste Analysis | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
ITT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above. | | | |
| <u>MGZIELDN</u> <u>OIL</u> <u>FGB</u>
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
<u>EXEMPT</u> oilfield waste <u>NON-EXEM</u>
analysis or
and that nothing has been added to the exempt or non-exempt non -ha
For NON-EXEMPT waste the following documentation is attached (of
<u>MSDS Information</u>
<u>RCRA Hazardous Waste Analysis</u>
<u>Chain of Custody</u> | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| <u>MGZIELDN</u> <u>OIL</u> <u>FGB</u>
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
<u>EXEMPT</u> oilfield waste <u>NON-EXEM</u>
analysis or
and that nothing has been added to the exempt or non-exempt non -ha
For NON-EXEMPT waste the following documentation is attached (of
<u>MSDS Information</u>
<u>RCRA Hazardous Waste Analysis</u>
<u>Chain of Custody</u> | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste analysis or
and that nothing has been added to the exempt or non-exempt non -ha
For NON-EXEMPT waste the following documentation is attached (of
MSDS Information Other RCRA Hazardous Waste Analysis | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZRION OIL GAS Conservation and Recovery Act (RCRA) and Environmental Protection described waste is: (Check appropriate classification) NON-EXEM analysis or analysis or and that nothing has been added to the exempt or non-exempt non -has For NON-EXEMPT waste the following documentation is attached (a MSDS Information of MSDS Information of Custody Other MSDS of Custody This waste is in compliance with Regulated Levels of Naturally Oct | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZIZION OIL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZELON OLL & GAS
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilfield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT cilifield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MERLIDN OIL # 623
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilifield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZELDA OLL & GM
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilifield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IPT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
Check appropriate items):
her (description
ceurring Radioactive Material (NORM) pursuant to 20 | | | |
| MGZELDA OLL & GM
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilifield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IFT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
check appropriate items):
her (description | | | |
| MGZELDA OLL & GM
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification)
EXEMPT oilifield waste | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above
IPT oilfield waste which is non-hazardous by characteristic
by product identification
azardous waste defined above.
Check appropriate items):
her (description
ceurring Radioactive Material (NORM) pursuant to 20 | | | |

| 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 Resource

> 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: 🔲 | 4. Generator: Synergy Operating, LLC |
|---|---|
| Verbal Approval Received: Yes 🗌 No 🛛 | Originating Site: Bois D'Arc Encino 15
#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) "A" Sec 15, T20N, R5W,
McKinley County | Project #02028-003 |

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:

Oil contaminated soil from a reserve pit.

CWS and Sundry Notice to BLM attached.

| | | うび |
|--------------------|---|---------------|
| Estimated Volumecy | Known Volume (to be entered by the operator at the end of the haul) | <u>128 cy</u> |

SIGNATURE/ Vaste Management

TITLE: Environmental Administrative Assistant DA

DATE: 08/22/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | • | | |
|----------------------------|----------|-------------|------------------------|
| it an transf | | EIT | aldas |
| APPROVED BY: Deny Cent | TITLE: | Enviro/Engr | DATE: $\frac{9/3}{03}$ |
| APPROVED BY: | TIŢLE: _ | g-ealogist_ | DATE: <u>9-5-03</u> |

HUG-22-2003 FRI U9:13 AM QUALITY CENTER

FAX NO. 15055663698

02028

P. 02



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cablact Secretary Lori Wrotenbery Director Oíl Conservation Division

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|---------------------|--|---|
| | SYNERBY OPERATING, LLC | ENVIROTECH LANd FARA |
| | 1 (1) box | 0~ Hwy 550 |
| | FACMINETON NM 87449
3. Originating Site (name): | T |
| | | Location of the Waste (Street address &/or ULSTR): |
| | BOIS D'ARC ENCINO 15#1 | UNIT A, SEC 15, TZON, RUSW |
| | attach list of originating sites as appropriate | MULTINEY COUNTY, NM |
| | 4. Source and Description of Waste
OIL STAINED SUIL FROM R | ESERVE PIT. |
| | | |
| I, | THOMAS E. MULLINS
Print Name | representative for : |
| | | |
| 5 | YJERGY OPERATING, LLC
vation and Recovery Act (RCRA) and Environmental Protectio | do hereby certify that, according to the Resource |
| Conserv
describe | vation and Recovery Act (RCRA) and Environmental Protectio
cd waste is: (Check appropriate classification) | n Agency's July, 1988, regulatory determination, the above |
| ×ex | | PT oilfield waste which is non-hazardous by characteristic
by product identification |
| and that | t nothing has been added to the exempt or non-exempt non -he | zardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (
MSDS InformationOth
RCRA Hazardous Waste Analysis
Chain of Custody | check appropriate items):
ner (description |
| | aste is in compliance with Regulated Levels of Naturally Oc
3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name (| Original Signature): | |
| | ENGINEELING MANAGER | |
| Phone I | Number: <u>505-566-3729 / 505-</u> 3 | 20 - 1751 |
| Date: | 08-22-2003 | |
| | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

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| B) Remove and haul soil that is oil stained to the Envirotech land farm facility from around the edges of the pit. C) Haul additional soils that may be contaminated to this facility. D) Obtain soil samples from the sidewalls, and bottom of the pit per NM-070-93-3004, for analysis. E) Submit samples to lina' ba' Laboratory for analysis. F) Review results of samples with BLM personnel. G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on tocation. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. I14. Thereby earlify that be beforing is blue and correct Signed: | | | |
| C) Haul additional soils that may be contaminated to this facility. D) Obtain soil samples from the sidewalls, and bottom of the pit per NM-070-93-3004, for analysis. E) Submit samples to lina' ba' Laboratory for analysis. F) Review results of samples with BLM personnel. G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on location. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. Thereby certify that the foregoing is role and correct Signed: | | | |
| D) Obtain soil samples from the sidewalls, and bottom of the pit per NM-070-93-3004, for analysis. E) Submit samples to lina' ba' Laboratory for analysis. F) Review results of samples with BLM personnel. G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on location. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 6-21-2003, at the FFO-BLM office. 14. I hurdby certify that be begoing is blue and correct Signed: | | | rom around the edges of the pit. |
| E) Submit samples to lina' ba' Laboratory for analysis. F) Review results of samples with BLM personnel. G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on location. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. Thurceby certify that be foregoing is free agd correct Signed: | | • | |
| F) Review results of samples with BLM personnel. G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on location. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. Thereby certify that the foregoing is true and correct Signed: | | | 3-3004, for analysis. |
| G) Submit a final pit closure plan for approval. H) Await approval before proceeding with final closure, utilizing stockpiled soil on tocation. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. Thereby certify that the foregoing is true age correct Signed: | | | |
| H) Await approval before proceeding with final closure, utilizing stockpiled soil on location. Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. Thereby certify that the foregoing is true and correct Signed: | <i>·</i> · · | | |
| Synergy would like to commence with the hauling of soils on Monday, August 25, 2003. These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 8-21-2003, at the FFO-BLM office. 14. I hurdby certify that the forcing is this and correct Signed: | G) Submit a final pit closure plan for app | proval. | |
| These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 6-21-2003, at the FFO-BLM office. 14. Thereby certify that the begoing is brue and correct Signed: | H) Await approval before proceeding wi | th final closure, utilizing stockpiled soil (| on location. |
| These actions were verbally discussed with Mr. Mike Wade and Mr. Dale Wirth of the FFO-BLM office on 6-21-2003, at the FFO-BLM office. 14. Thereby certify that the foregoing is brue and correct Signed: | | | |
| at the FFO-BLM office. 14. Thereby certify that the foregoing is true and correct Signed: | Synergy would like to commence with th | e hauling of soils on Monday, August 2 | 5, 2003. |
| at the FFO-BLM office. 14. Thereby certify that the foregoing is true and correct Signed: | | | |
| 14. Thereby certify that the totegoing is true and correct Signed: | These actions were verbally discussed v | vith Mr. Mike Wade and Mr. Dale Wirth | of the FFO-BLM office on 8-21-2003, |
| Signed: | at the FFO-BLM office. | <u>,</u> | |
| Signed: | | | |
| Themas E, Mullins This space for foderal or state office use Approved by Title: Date: Condutions of approval if any a 18US C Suction 1001, make it a crime for any person knowingly and will/dily to make to any department or ogeney of the United States any false, holicious, or fraudulent statements | 14. I hereby certify that the foregoing is how and o | OFFECT | |
| Themas E, Mullins This space for foderal or state office use Approved by Title: Date: Condutions of approval if any a 18US C Suction 1001, make it a crime for any person knowingly and will/dily to make to any department or ogeney of the United States any false, holicious, or fraudulent statements | Simple Sin | M Title Eminantia Marca | |
| This space for foderal or state office uso Approved by | | Title. Engineeting Manage | U3te:U5-22-2003 |
| Approved by Title: Date:
Condutions of approval if any Date: | | | |
| Condultors of approval if any | · · · · · · · · · · · · · · · · · · · | | |
| - 18 U.S.C. Suction 10311, make it a crime for any person knowingly and willfully to make to any department of ogency of the United States: any false, Reticious, or fraudulent statements | | Title: | Date: |
| | Condillors of approval if any | | |
| | | | |
| | e 19 U S C. Suglion 1011, ingko It a crime for any neison knownally a | nd willfully to make to any department or energy of the United Stat | es any false. Relicious, or liaudulent statementa |
| | representations as to any matter within its jurisdiction | | - control of the second s |
| | | | |

| District II Energy M 1301 W. Grand Avenue, Artesia, NM 88210 Oil District III 001 1000 Rio Brazos Road, Aztec, NM 87410 1222 | State of New Mexico
Ainerals and Natural Resource
Conservation Division
O South St. Françis Dr.
Santa Fe, NM 87505 | Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|--|--|
| REQUEST FOR APPR | OVAL TO ACCEPT | SOLID WASTE |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🗌 | | 41. Generator: Hanover Compression |
| Verbal Approval Received: Yes 🗌 No | | 5. Originating Site: FC Fed #1 |
| 2. Management Facility Destination: Envirotech Soil
Landfarm #2 | Remediation Facility, | 6. Transporter: Envirotech |
| 3. Address of Facility Operator: 5796 U.S. Highway 87401 | 64, Farmington, NM | 8. State: New Mexico |
| 7. Location of Material (Street Address or ULSTR) "G"
San Juan County | ' T32N, R10W, Sec 30, | Project #99043-008 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt we one certificate per job. B. All requests for approval to accept non-exempt wast material is not-hazardous and the Generator's certificapproved All transporters must certify the wastes delivered are one of the second seco | tes must be accompanied by ne
ication of origin. No waste cla | cessary chemical analysis to PROVE the
assified hazardous by listing or testing will be |
| BRIEF DESCRIPTION OF MATERIAL: | | |
| Screw compressor oil leaked onto the ground. | | |
| CWS attached. | | |

| Estimated Volume <u>1</u> cy | Known Volume (to be entered by the operator at the end of the haul) | |
|------------------------------|---|--|

Kandrea P. holso, Waste Management Fachlity Authorized Agent TITLE: Environmental Administrative Assistant DATE: 08/19/03 SIGNATURE

су

370

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

4

| (This space for State Use) | |
|---|--------------|
| APPROVED BY: Demy Tour TITLE: Enviro/Ensi | DATE: 9/5703 |
| APPROVED BY: A Mult TITLE: 9 cologist | DATE: 9-5-03 |
| $\gamma \gamma $ | |



505 325 4242 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

HANDVER COMPRESSIONS

BILL RICHARDSON Coverbor Jossas Prukop Cubinet Secretary

Lori Wrotenbery Director Oil Conservation Division

P.02/02

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|--|
| HANDNER COMPRESSOR | Envirotech Inc. Soil Remediation Facility |
| HANONER COMPRESSOR | Landfarm #2 |
| 1200 May File FE | Hilltop, New Mexico |
| FARMINGTON, NM 8740/ | verse hi free treven |
| 3. Originating Site (name); | Location of the Waste (Street address &/or ULSTR): |
| FC FED#1 | WELLHEAD LOCATION (CONOCO) |
| "J" T32N, RIDW, Sec30, SJC | Demical LUCBIIDA (CONOCO) |
| | COXCANYON AREA |
| attach list of originating sites as appropriate
4. Source and Description of Waste | |
| 4. Source and Description of Wester | |
| Screw Compressor OIL (USED)
Summit NGP 150 | |
| Summer NGP 150 | |
| | |
| | |
| $\overline{\mathbb{D}}$ | |
| I DRUAN KICHARDSON | representative for : |
| Print Name | |
| | |
| MANONER COMPRESSOR | do hereby certify that, according to the Resource |
| Conservation and Recovery Act (RCRA) and Edvironmental Protection | Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| | |
| EXEMPT ailfield wasteNON-EXEMI | PT oilfield waste which is non-hazardous by characteristic |
| analysis of | by product identification |
| and that nothing has been added to the exempt or non-exempt non -has | man and a star at the star of the star and the star and the star at the star at the star at the star at the star |
| and the stateling this scal added to the exempt of hon-exempt fide -nas | cardous waste genned above, |
| For NON-EXEMPT surger the following documention is such as (a) | |
| For NON-EXEMPT waste the following documentation is arached (ch
MSDS Information Other | |
| RCRA Hazardous Waste Analysis | er (description |
| Chain of Custody | |
| | |
| This waste is in compliance with Deculored Levels of Networks | |
| This waste is in compliance with Regulated Levels of Naturally Occu
NMAC 3-1 subpart 1403.C and D. | urring Reprosented Motorial (NORM) pursuent to 20 |
| | |
| Name (Original Signature): | |
| | |
| Tirle: HSE COORDINATOR | |
| | |
| Phone Number: (505) 564-7583 | |
| $B_{ale:} = 8 - 19 - 0.3$ | |
| Date: 8-19-03 | |
| | |

Oil Conservation Division - 1000 Rio Brazos Road * Azec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.eroned.state.nm.us

97%

| 1625 N. French Dr., Hobbs, NM 88240
District II | State of New Mexico
Energy Minerals and Natural Reso | urces 13 14 15 16 7 | Form C-13
Revised March 17, 199 |
|---|---|--|--|
| 1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | AUG 2003 | Submit Origin:
Plus 1 Cop
to Appropria
District Offic |
| REQUEST | FOR APPROVAL TO ACCE | PT SOLID WASTE | 3 |
| 1. RCRA Exempt: 🗌 Non-Exemp | t: 🛛 | 4. Generator Conoco |) Phillips |
| Verbal Approval Received: Ye | s 🔲 No 🖾 | 5. Originating Site: No | ell Hall #1 |
| 2. Management Facility Destination: E
Landfarm #2 | nvirotech Soil Remediation Facility, | 6. Transporter: TBA | |
| 3. Address of Facility Operator: 5796
87401 | U.S. Highway 64, Farmington, NM | 8. State: New Mexic | 0 |
| 7. Location of Material (Street Address
San Juan County | or ULSTR) "A" Sec 17, T31N, R12W | Project #96052-04 2 | • |
| | non-exempt wastes must be accompanied by
Generator's certification of origin. No waste | | |
| material is not-hazardous and the approved | Generator's certification of origin. No waste | classified hazardous by listi | |
| material is not-hazardous and the
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached. | Generator's certification of origin. No waste | classified hazardous by listi | |
| material is not-hazardous and the of
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
1 BBL of stained soil of unknown of | Generator's certification of origin. No waste | classified hazardous by listi | |
| material is not-hazardous and the of
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached.
TCLP, RCI, and BTEX ran per Martyne. | Generator's certification of origin. No waste
es delivered are only those consigned for tra
rigin. | e classified hazardous by listi
nsport | |
| material is not-hazardous and the
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached.
TCLP, RCI, and BTEX ran per Martyne. | Generator's certification of origin. No waste
es delivered are only those consigned for tra | e classified hazardous by listi
nsport | |
| material is not-hazardous and the of
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached.
TCLP, RCI, and BTEX ran per Martyne. | Generator's certification of origin. No waste
es delivered are only those consigned for tra-
rigin.
ume (to be entered by the operator at the end
USD TITLE: Environments | e classified hazardous by listi
nsport | ng or testing will be |
| material is not-hazardous and the G
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached.
TCLP, RCI, and BTEX ran per Martyne.
Estimated Volume <1 cy Known Volu
SIGNATURE MAARA | Generator's certification of origin. No waste
es delivered are only those consigned for tra-
rigin.
ume (to be entered by the operator at the end
USD TITLE: Environment:
orized Agent | e classified hazardous by listi
nsport
I of the haul)
al Administrative Assista | ng or testing will be |
| material is not-hazardous and the G
approved
All transporters must certify the wast
BRIEF DESCRIPTION OF MATERIAL:
I BBL of stained soil of unknown of
CWS and Analytical attached.
CWS and Analytical attached.
TCLP, RCI, and BTEX ran per Martyne.
Estimated Volume <1 cy Known Volt
SIGNATURE Waste Management Fability Auth | Generator's certification of origin. No waste
es delivered are only those consigned for tra-
rigin.
ume (to be entered by the operator at the end
USD | I of the haul) | ng or testing will be |

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| District II Energy M | ate of New Mexico
nerals and Natural Resour | rces 11 12 13 14 15 16 17 | Form C-138
Revised March 17, 1999 | |
|--|---|---|--------------------------------------|--|
| • 1301 W. Grand Avenue, Artesia, NM 88210
District III
Oil Oil | Conservation Division | AUC 200 | Submit Original | |
| 1000 Rio Brazos Road, Aztec, NM 87410
District IV 1220 | South St. Francis Dr. | ~ | Plus 1 Čopy
to Appropriate | |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | anta Fe, NM 87505 | N | District Office | |
| REQUEST FOR APPR | <u>OVAL TO ACCEP</u> | T SOLID WASTE | | |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | | 4. Generator Conoco Ph | illips | |
| Verbal Approval Received: Yes 🗌 No | ⊠ . | 5. Originating Site: Nell H | Hall #1 | |
| 2. Management Facility Destination: Envirotech Soil F
Landfarm #2 | emediation Facility, | 6. Transporter: TBA | | |
| 3. Address of Facility Operator: 5796 U.S. Highway 6
87401 | 4, Farmington, NM | 8. State: New Mexico | | |
| 7. Location of Material (Street Address or ULSTR) "A" S
San Juan County | Sec 17, T31N, R12W, | Project #96052-04 22 . | i
 | |
| 9. <u>Circle One</u> : | | | | |
| one certificate per job.
B. All requests for approval to accept non-exempt wastes
material is not-hazardous and the Generator's certific
approved | 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 | | | |
| All transporters must certify the wastes delivered are on | y those consigned for transp | port. | | |
| BRIEF DESCRIPTION OF MATERIAL: | | | | |
| 1 BBL of stained soil of unknown origin. | | | | |
| CWS and Analytical attached. | | | | |
| *TCLP, RCI, and BTEX ran per Martyne. | | | | |
| 1997 - Court , 1997 - 2017 - 1997 - 1 | | | | |
| | | | | |
| | | | | |
| Estimated Volume <u><1</u> cy Known Volume (to be entered | by the operator at the end of | the haul)cy | | |
| SIGNATURE Mule R. Mules Deterministrative Assistant DATE: 08/15/03
Waste Management Fability Authorized Agent | | | | |
| TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHO | | | | |
| (This space for State Use) | ~ | ······· | | |
| APPROVED BY: Dempton | TITLE: Enviro/1 | Engl DATE: | 3/157B | |
| APPROVED BY: | TITLE: | DATE: | / · · | |
| | | | | |
| | | | | |
| | | | | |

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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 2

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|--|--|
| ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| 5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Originating Site (name):
NUL Hall #1 API # 30-
Unit A, Sec. 17. T3IN, RIZW
San Juan County, New Mex
attach list of originating sites as appropriate
4. Source and Description of Waste
1 BBL Starned Soil (2
From UNKNOWN Origin | |
| I, Monica D. Olson
Print Name | representative for : |
| ConocoPhillips Company | |
| | do hereby certify that, according to the Resource
Protection Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield waste | N-EXEMPT oilfield waste which is non-hazardous by characteristic alysis or by product identification |
| and that nothing has been added to the exempt or non-exempt | t non -hazardous waste defined above. |
| For NON-EXEMPT waste the following documentation is att
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | tached (check appropriate items):
Other (description
BTE-X |
| This waste is in compliance with Regulated Levels of Natur
NMAC 3.1 subpart 1403.C and D. | rally Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): Monipe D. Man | |
| Title: <u>HSE & Regulatory</u> Technician | |
| Date: 8-15-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emmrd.state.nm.us</u>

ENVIROTECH LABS

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| • | | | |
|--------------------|----------------|---------------------|-----------|
| Client: | ConocoPhillips | Project #: | 96052-042 |
| Sample ID: | 1 - Nell Hall | Date Reported: | 08-11-03 |
| Laboratory Number: | 26288 | Date Sampled: | 08-08-03 |
| Chain of Custody: | 11231 | Date Received: | 08-11-03 |
| Sample Matrix: | Solid | Date Analyzed: | 08-11-03 |
| Preservative: | Cool | Date Extracted: | 08-11-03 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration
(ug/Kg) | Det.
Limit
(ug/Kg) |
|--------------------|--------------------------|--------------------------|
| Persona | ND | 4.9 |
| Benzene
Toluene | ND | · 1.8
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 | 98 % |
| | 1,4-difluorobenzene | 98 % |
| | Bromochlorobenzene | 98 % |

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:

Nell Hall #1 M Sec7 T30N R11W

Unknown Drum.

Analyst

Mistine Malters Review

ENVIROTECH LABS

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

| Client:
Sample ID:
Laboratory Number:
Sample Matrix:
Preservative:
Condition: | N/A
08-11-BTEX QA/
26285
Soil
N/A
N/A | /QC | Project #:
Date Reported:
Date Sampled:
Date Received:
Date Analyzed:
Analysis: | | N/A
08-11-03
N/A
N/A
08-11-03
BTEX |
|--|---|---|--|---|---|
| Calibration and
Detection Limit | I-Cal RF:
s (ug/L) | C-Cal RE:
Accept Rar | %Diff | Blank
Cònc | Detect: |
| Benzene
Toluene
Ethylbenzene
p,m-Xylene
o-Xylene | 3.7241E-002
4,4375E-002
7.5434E-002
6.7602E-002
5.7973E-002 | 3.7353E-002
4.4464E-002
7.5661E-002
6.7806E-002
5.8089E-002 | 0.3%
0.2%
0.3%
0.3%
0.2% | ND
ND
ND
ND
ND | 0.2
0.2
0.2
0.2
0.2
0.1 |
| Duplicate Conc. | ug/Kg) Sample | Duplicate | %Diff. | Accept Range | Detect-Limit |
| Benzene
Toluene
Ethylbenzene
p,m-Xylene
o-Xylene | 16
80
31
1,20
60 | 6 790
9 313
0 1,230 | 2.2%
2.0%
2.5%
2.2% | 0 - 30%
0 - 30%
0 - 30%
0 - 30%
0 - 30% | 1.8
1.7
1.5
2.2
1.0 |
| Spike Conc. (ug/ | (g) | Amount Spiked | Spiked Sample | % Recovery | Accept Range |
| Benzene | 16 | 5 50.0 | 214 | 99.8% | 39 - 150 |
| Toluene | 80 | | | 99.8% | 46 - 148 |
| Ethylbenzene | 31 | | | 99.8% | 32 - 160 |
| p,m-Xylene | 1,20 | | • | 99.2% | 46 - 148 |
| o-Xylene
ND - Parameter not | 60
detected at the stated detection limit. | 1 50.0 | 650 | 99.8% | 46 - 148 |
| References: | Method 5030B, Purge-and-Trap, Test
December 1996.
Method 8021B, Aromatic and Halogen
Photoionization and/or Electrolytic Cor | ated Volatiles by Gas | Chromatography Usir | ng | |
| Comments: | QA/QC for samples 2628 | 35, 26288. | | , | |

Alen C. Cejnen Analyst

Review

376

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

FOUROTECAL BEST

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-042 |
|--------------------|----------------|------------------|-------------|
| Sample ID: | 1 - Nell Hall | Date Reported: | 08-12-03 |
| Laboratory Number: | 26288 | Date Sampled: | 08-08-03 |
| Chain of Custody: | 11231 | Date Received: | 08-11-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 08-12-03 |
| Preservative: | Cool | Date Extracted: | 08-11-03 |
| 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 | 0.714 | 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 | 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: | Nell Hall #1 M Sec 7 T30N R11W Unknown Drum. | | | | | |
| 0 | | | | | | |

en C. aquen

Review

ENVIROTEC, LABS

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | N/A | | Project #: | | N | /A | |
|-----------------------------------|---------------------|-----------------|-----------------|------------|-----------|-----------------|---------------------|--|
| Sample ID: | | 08-12-TCM | 08-12-TCM QA/QC | | orted: | 08-12-03 | | |
| Laboratory Number: | | 26288 | | Date Sam | pled: | N | /A | |
| Sample Matrix: | | TCLP Extra | ct | Date Rece | eived: | N | /Α | |
| Analysis Requested: | | TCLP Metal | s | Date Anal | yzed: | 08 | 3-12-03 | |
| Condition: | | N/A | | Date Extra | acted: | 08 | 3-11-03 | |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank | Method
Blank | Detection | on Sample | Duplicate | %
Difference | Acceptance
Range | |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 0.714 | 0.713 | 0.1% | 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 | ND | ND | 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 Spike Sample Spiked Percent Acceptance Acceptance Recovery Range

| 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
|-------|--|---|---|---|
| 0.500 | 0.714 | 1.20 | 98.8% | 80% - 120% |
| 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
| 0.500 | ND | 0.498 | 99.6% | 80% - 120% |
| 0.500 | ND | 0.498 | 99.6% | 80% - 120% |
| 0.050 | ND | 0.050 | 100.0% | 80% - 120% |
| 0.500 | ND | 0.498 | 99.6% | 80% - 120% |
| 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
| | 0.500
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0.050
0.500 | 0.5000.7140.500ND0.500ND0.500ND0.050ND0.500ND | 0.500 0.714 1.20 0.500 ND 0.499 0.500 ND 0.498 0.500 ND 0.498 0.500 ND 0.498 0.500 ND 0.498 0.050 ND 0.498 0.050 ND 0.498 | 0.500 0.714 1.20 98.8% 0.500 ND 0.499 99.8% 0.500 ND 0.498 99.6% 0.500 ND 0.498 99.6% 0.500 ND 0.498 99.6% 0.050 ND 0.050 100.0% 0.500 ND 0.498 99.6% |

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 26288.

Analyst

istine milalles Review



SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-042 | | | |
|-------------------------------|--|------------------------------------|-----------|--|--|--|
| Sample ID: | 1 - Nell Hall | Date Reported: | 08-12-03 | | | |
| Lab ID#: | 26288 | Date Sampled: | 08-08-03 | | | |
| Sample Matrix: | Solid | Date Received: | 08-11-03 | | | |
| Preservative: | Cool | Date Analyzed: | 08-11-03 | | | |
| Condition: | Cool and Intact | Chain of Custody: | 11231 | | | |
| Parameter | Result | | | | | |
| IGNITABILITY: | Negative | | | | | |
| CORROSIVITY: | Negative | pH = 8.77 | | | | |
| 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 secti | ons 261.21 - 261.23, July 1, 1992. | | | | |
| Comments: | Nell Hall #1 M Sec 7 T30N | I R11W Unknown Drum. | | | | |

Analyst

Mistane mulae-les Review

CHAIN OF CUSTODY RECORD

11231

| Client / Project Name | | | Project Location | | | | | | | | | | AMETER | | | | |
|-------------------------------|----------------|----------------|------------------|------------|-------------------|--------|----------------------|-----------|-------------------------|------------------|---------|----------|----------|--------------|--------|----------|-----|
| CONOCO PHO | llips | | NELL HALLA | 1 M. | 52077301 | NRI | ω | | | A | NALT SI | 57 FARA | | J | _ | _ | |
| Sampler: | | | Client No. | Client No. | | s s | | \$ | | | | | Rer | narks | | | |
| MORRIS D.Y | OUNG | | 96052- | 042 | | | No. of
Containers | 914 | TCLP
METALS | H | | | | , | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | | ž To
O | 80218 | TCLP
MET | RC | | | | | | | |
| I-NELL HALL | 08-08-03 | 11:32 | 262.88 | 506 | D | | 1 | | ~ | 1 | | | | UNKNOWN | DR | um | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | } | | | | | | | | | | | |
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| Relinquished by: (Signatu | (e) | | | Date | Time | Receiv | A hv | (Signati | | | | | | D | ate | Tir | me |
| | | | | 08-11-03 | | | | (Olgilati | ρ | $\left(\right)$ | 1 | <i>c</i> | | | 1-03 | | 20 |
| Relinquished by: (Signatu | re) | | | | | Receiv | ved by: | (Signati | ure) | | t | | <u> </u> | // | | | |
| Relinquished by: (Signatu | re) | | | | | Recei | und by: | (Signati | | | | | | | | | |
| | | | | | | necen | veu by. | Olghad | urej | | | | | | | | |
| | | | | =UV | IRO | ΓF(| CH | | $\overline{\mathbf{C}}$ | | | | | Sample Re | eceipt | <u> </u> | |
| | | | | | | | | | | | | | | | Y | N | N/A |
| ſ. | | | | | 796 U.S | | | | | | | | Rece | ived Intact | | - | |
| 30 | | | | Farmi | ngton, N
(505) | | | 8740 | 1 | | | | | Ice/Blue Ice | | | |
| L | | | (505) 632-0 | | | | | | | | | 0001* | | | | | |

| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resourd 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | AUG 2003
Plus 1 Copy
to Appropriate
Dictrict Office | | | | | |
|--|--|--|--|--|--|--|
| REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE | | | | | | |
| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Elm Ridge Resources | | | | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Hahn 1A | | | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Key | | | | | |
| 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) 1550' FWL, 1055' FSL, Sec 15, T33N, R8W, La Plata County, CO | Project #03056-003 | | | | | |
| 9. <u>Circle One</u> : | | | | | | |
| 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: | | | | | | |

Contaminated drilling mud.

CWS and Notification to CDPHE attached.

64066ls

Estimated Volume 180 bbl Known Volume (to be entered by the operator at the end of the haul) _____cy

| SIGNATURE JANANA RAUSSA
Waste Management Facility Authorized Agent | TITLE: Environmental Administrative Assistant | DATE: <u>08/15/03</u> |
|---|---|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | |
|----------------------------|----------------------------------|
| APPROVED BY: Denny teen | TITLE: Enviro/Engy DATE: 8/18/03 |
| APPROVED BY: | TITLE: chedlogist DATE: 0-18-03 |
| | |

PAGE 02

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

| 4 | 1. Generator Name and Address | 2. Destination Name: | |
|---|--|---|--|
| | Elm Ridge Resources, INC. | Envirotech Inc. Soil Remediation Facility | |
| | P.O.Box 189 | Landfarm #2 | |
| | Farmington, NM 87499 | Hilltop, New Mexico | |
| | | | |
| | 3. Originating Site (name); | Location of the Waste (Street address &/or ULSTR): | |
| | Hahn 1-A | Sec. 15-T33N-R8W | |
| | | 1550'EFWL X 1055' FSL | |
| | attach list of originating sites as appropriate | | |
| | 4. Source and Description of Waste | | |
| | | | |
| | Drilling Mud. | | |
| | | ' | |
| | | | |
| Į | | | |
| I, | Terry Lindeman | representative for : | |
| | Print Name | | |
| | ma mara a sura | to have been and for the second in the second second | |
| <u> </u> | Elm Ridge Resources, INC. | do hereby certify that, according to the Resource
nental Protection Agency's July, 1988, regulatory determination, the above | |
| | and waste is: (Check appropriate classification) | iental riotection Agency's sury, 1966, regulatily determination, the above | |
| describe | a wasie is; (Check appropriate classification) | 1 | |
| X EX | EMPT 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-e | exempt non -hazardous waste defined above. | |
| | | | |
| For NO | N-EXEMPT waste the following documentation | n is attached (check appropriate items); | |
| | MSDS Information | Other (description | |
| | 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. | THE MANY CONTENDED TO THE CLONELY PURSENT OF NO | |
| | | · [] | |
| Name (| Original Signature): | | |
| • | | | |
| Title: | District Superintendent | | |
| | Jumber: (505) 632-3476 Ext. 210 | | |
| rnone f | umber: (303) 032 3470 EAC. 210 | | |
| Date: | August 15, 2003 | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eronrd.state.nm.us</u>



August 14, 2003

Project No. 03056-003

Colorado Department of Public Health and Environment Attn: Donna Stoner 222 South 6th Street, Room 232 Grand Junction, Colorado 81501

Phone (970) 248-7168 Fax (970) 248-7198

RE: ACCEPTANCE OF CONTAMINATED DRILLING MUD FROM THE HAHN #1-A

Dear Ms. Stoner:

Envirotech has been approached by Elm Ridge Resources to accept contaminated drilling mud from the Hahn #1-A located 1550' FWL, 1055' FSL, Section 15, Township 33N, Range 8 West, La Plata County, Colorado.

This is exempt waste and meets approval requirements for our facility. We are providing courtesy notification before we proceed with accepting the material at our soil remediation facility.

Should you have any questions or require any additional information, please do not hesitate to contact me at (505) 632-0615.

Sincerely,

ENVIROTECH INC. icloso

Landrea Jackson Environmental Administrative Assistant <u>ljackson@envirotech-inc.com</u>

CC: Denny Foust, NMOCD

LRJ/enviro/landfarm/receival paperwork/03056-003/081403 Stoner.doc

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: ChevronTexaco | |
|---|---|--|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: 500 bbl Open Top
Tank West of Navajo Allottees "M" #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) N.A. "M" #3 is Sec 23, T25N, R11W- 800'FNL/900'FWL, San Juan County; tank is ~1000' West of N.A. "M" #3 | Project #92270-016 | |

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:

Sludge from abandoned drip tank.

CWS & NORMs attached.



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

15bbl

| SIGNATURE Hanagement Facility Authorized Agent | TITLE: Environmental Administrative Assistant | DATE: <u>08/13/03</u> |
|--|---|-----------------------|
|--|---|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

,

| (This space for State Use) | |
|----------------------------|---|
| APPROVED BY: Demy tent | TITLE: Enviro/Engl DATE: 8/15703 |
| APPROVED BY: | TITLE: <u>qed a gist</u> DATE: <u>8-15-03</u> |

8-13-03; 8:06AM; ENVIROTE.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

21

2

CERTIFICATE OF WASTE STATUS

| | | 2. Destination Name: | |
|---|---|---|--|
| | 1. Generator Name and Address | | |
| | AUSUPALISTACA | Envirotech Inc. Soil Remediation Facility | |
| | CHEURONTEXACO
PO BOX 1289 | Landfarm #2 | |
| | FU DOK (20) | Hilltop, New Mexico | |
| | Jarmington, NM 87417 | | |
| | Jarmington, NM 87499
3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR):
SEC. 23 T25N R IIW - 800'FNL/900' FWL | |
| | NAVAJO ALLOTTEES M" # 3 | Sec. 23 1 230 K 11W - 000 FNL 1900 FWL | |
| | NAVAJO HLLOTTEES III "S | Approx. 1000 WEST OF N.A. M" #3 | |
| | attach list of originating sites as appropriate | 500 BBL OPEN TOP TANK | |
| | 4. Source and Description of Waste | | |
| | | | |
| | · ABANDONED DRIP TANK | | |
| | | | |
| | · | | |
| | | | |
| т | Keith Bean | representative for : | |
| 1, | Keith Bean
Print Name | toptocommitte avi - | |
| | | | |
| | CHEURON TEXACU | do hereby certify that, according to the Resource | |
| Conser | vation and Recovery Act (RCRA) and Environmental Protect | ion Agency's July, 1988, regulatory determination, the above | |
| describ | ed waste is: (Check appropriate classification) | | |
| ~ | | | |
| <u> </u> | | MPT oilfield waste which is non-hazardous by characteristic
or by product identification | |
| | analysis | or by product identification | |
| and the | t nothing has been added to the exempt or non-exempt non - | hazardous waste defined above. | |
| ano ula | it housing has been added to the exchipt of how exchipt her | | |
| Rot NO | N-EXEMPT waste the following documentation is attached | (check appropriate items): | |
| TOT NO | MSDS Information | Other (description | |
| | 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): Kath Laam | | |
| | | | |
| Title:_ | Area HES Protestional | | |
| | C.C. J.C. JIM E.A | 117_ | |
| Phone | Number: <u>505-325-2657</u> Est. | // - | |
| | | | |
| Date:_ | 8-13-03 | | |

HIGH DESERT SAFETY

301 South Frontier Bloomfield, NM 87413 Phone - (505) 632-3633 Cell - (505) 330-0614 Fax - (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 8-14-03-01

Owner: Texaco Exploration

• . . •

Location: Navajo Allot tees M #5 800 FNL 900 FWL San Juan, NM 14-20-603 14341 Sec 23 T 25 NR 11 W

Date: August 14, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Tank Bottom Sludge

Comments:

Envirotech Job Number 92270-016

Survey Conducted by: Gary W. Howe

District 1 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. Expansio Dr. Sente Fr. NM 87605

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resource

> 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: 🗍 | 4. Generator: Benson Montin Greer |
|--|--|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Cinder Buttes #37-1
Abandoned Wellsite |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: CIP |
| 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) Lot 37, 600'FSL, 660'FWL, Sec 1, T32N, R13W, La Plata County | Project #99074- |

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:

Contaminated soil generated at a crude oil release of ~2bbls.

CWS and Letter from Southern Ute Indian Tribe attached.

Estimated Volume 20 cy

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

2/______ cy

TITLE: Environmental Administrative Assistant DATE: 08/08/03 SIGNATURE aste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | |
|--|-----------------------|
| APPROVED BY: 1 Constant TITLE: Enviro/Engr | DATE: <u>\$//5/03</u> |
| APPROVED BY: ATTIME: deologist | DATE: <u>8-15-03</u> |
| | |

08/08/03 15:01 15053279207 B- B-D3; 1:35PM;ENVIRC H

99074-

Ø 002/002 # 2/



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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lorí Wrotenbery Director Oil Conservation Division

,

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | D. D. W. M. M |
|--|---|
| BMG | 2. Destination Name: |
| 4900 COLLEGE BLUD. | Envirotech Inc. Soil Remediation Facility |
| | Landfarm #2 |
| FARMINGTON, NM 87402 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| CINDER BUTTES #37-1 ABANDONED | SEC 1 T32N RIGW |
| WELLSITE LOTST 600'FSL | |
| attach list of originating sites as appropriate (blob) FWL | . LA PLATA COUNTY CO |
| 4. Source and Description of Waste | |
| CONTRMINATED SOIL FROM CRUDE DI | RELEASE OF NZ BBLS (AFTRON, 940 |
| | |
| 1, Josy COOPER | representative for : |
| Print Name | representative for . |
| | |
| BMG | 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 wasteNON-EXEM | PT oilfield waste which is non-hazardous by characteristic by product identification |
| | |
| and that nothing has been added to the exempt or non-exempt non -ha | zardous waste defined above. |
| For NON-EXEMPT waste the following documentation is attached (cl | neck appropriate items): |
| | er (description |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occ
NMAC 3.1 subpart 1403.C and D. | urring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): Jush Coope | |
| Title: ENGINEER | |
| Phone Number: 505325 8874 | |
| Date: 8/8/03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.ennrd.state.nm.us</u>

Certificate From Southern Ute Indian Tribe Authorizing Removal of RCRA Exempt, Non-Toxic, oilfield Waste From their Jurisdiction

I have reviewed the information concerning the Exempt, Non-toxic oilfield waste material (9 cubic yards of soil contaminated with crude oil) from Benson Mountain Geer's Cinder Buttes # 37-1 location at NW1/4, Sec. 1 of T32N,R13W and agree that by its description it is non-hazardous as defined by the Resource Conservation and Recovery Act (RCRA) and by my jurisdiction's rules, regulations or statutes.

- The material is Exempt oilfield waste.
- The material is Non-hazardous by regulatory definition.

THEREFORE:

As a representative for the Southern Ute Indian Tribe, I have no objection to the material being removed for treatment to EnviroTech Soil Remediation Facility Landfarm #2, Hilltop, New Mexico.

Transportation of this waste may be subject to other state and Federal laws. The Southern Ute Indian Tribe accepts no liability associated with the disposal of this waste.

Name: Virgil Frazier

Title: Acting Head of Environmental-Programs Division

Signature:

Agency:Southern Ute Indian TribeAddress:P. O. Box 737, Ignacio, CO 81137Phone: (970) 563-0135 fax 563-0384

Date: Husz. 8,2003

| District 1 |
|---|
| 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



Form C-138 Revised March 17, 1999

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗔 | 4. Generator: Elm Ridge Resources | |
|--|--|--|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Carson Waterflood | |
| 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) "P" Sec 13, T25N, R12W,
San Juan County | Project #03056-002 | |

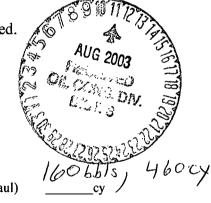
9. <u>Circle One</u>:

- 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:

Produced water and oil contaminated soil generated when the waterflood overflowed.

CWS attached.



Estimated Volume <u>50-60</u> cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE MANAGER AGENT BACHTY Authorized Agent Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | · | |
|----------------------------|-------------------------|---------------|
| APPROVED BY: Deny ben | TITLE: Enviro/Engr | DATE: 8/12/03 |
| APPROVED BY: | TITLE: <u>qeologist</u> | DATE: 8/12/03 |

| 08/05/2003 13:56 50563281 | ELM RIDGE RESOURCES PAGE 02 | | |
|---|--|--|--|
| 8- 4-03;12:40PM;ENVIROT | 5058321865 # 2/ 2 | | |
| | NERGY, MINERALS and | | |
| NATURAL RES | SOURCES DEPARTMENT | | |
| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary
CERTIFICATE O | F WASLE STATUS | | |
| 1. Generator Name and Address | 2. Destination Name: | | |
| Elm Ridge Resources, INC. | Envirotech Inc. Soil Remediation Facility | | |
| P.O. Box 189
Farmington, NM 87499 | Landfarm #2
Hilltop, New Mexico | | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): | | |
| Cärson Tank Battery | Unit "P" Sec.13-T25N-R12W | | |
| attach list of grining ing sites as appropriate | | | |
| 4. Source and Description of Waste | nicalized Sail 1 and inter 10 1 | | |
| Oil soaked soil. OVERflow. | minated soil from waterflood | | |
| L Terry Lindeman
Print Name | representative for : | | |
| <u>Elm Ridge Resources.</u> INC. <u>do hereby certify that, according to the Resource</u>
Conservation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
described waste is: (Check appropriate classification) | | | |
| | EMPT oilfield waste which is non-hazardous by characteristic
s 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 RCRA Hazardous Waste Analysis Other (description | | | |
| This waste is in compliance with Regulated Levels of Naturally
NMAC 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 | | |
| Name (Original Signature): | <u> </u> | | |
| Title:District Superintendent | | | |
| Phone Number: (505) 632-3476 Ext 210 | - | | |
| Date: August 4, 2003 | | | |
| | Die Deares Road + Artes New Maxies 87410 | | |

٤

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u> 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Compressor Systems Inc. |
|--|---|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: NEBU 459 (Pump Mesa) |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Paul & Sons |
| 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) 2505 FNL, 1810 FSL, Sec 19, T31N, R7W, SJC | Project #01038-014 |

9. <u>Circle One</u>:

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 screw oil retrieved from coalescent filter (in gas stream).

CWS attached.

| | | 20661 |
|-----------------------|---|-------|
| Estimated Volume 3 cy | Known Volume (to be entered by the operator at the end of the haul) | cy |

| SIGNATURE | Hand/le
Waste Managerr | A.R. | Authorized Agent | | TITLE: Environmental Administrative Assistant | DATE: <u>08/01/03</u> |
|-----------|---------------------------|------|------------------|--|---|-----------------------|
|-----------|---------------------------|------|------------------|--|---|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | · · · · · · · · · · · · · · · · · · · |
|----------------------------|-------------------------|---------------------------------------|
| APPROVED BY: Derry terry T | ITLE: En Viro/Engl | DATE: 8/01/03 |
| APPROVED BY: | ITLE: <u>gies la 18</u> | DATE: <u>8-1-3</u> |



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON GOVERNOR

01038-014

OIL CONSERVATION DIVISIO AZTEC DISTRICT OFFICE 1000 RIO BRAZOS ROLD AZTEC, NEW MEXICO 8741 (506) 334-6178 Fax (505)374-6

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | 2. Destination Name: | | |
|---|--|--|--|
| CEI | Envirotech | | |
| 5445 U.S. Huy 64
Freemington N.M. | | | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): | | |
| Devon: NEBU 459 Roup M.
Compressor Location | 1810 F5L
1810 F5L
Sec 19
Town 31N ROW 7 West
SF#080557 | | |
| Attach list of originating sites as appropriate | Town 31N ROW 7 West | | |
| 4. Source and Description of Waste | · SF#080557 | | |
| Used Screwoit the | - drigged from | | |
| Coalescent filter. | nevron retrieved from | | |
| | | | |
| 1. Jeff Garossen | . 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. | | | |
| and that nothing has been added to the exempt of hol | rexempt non-nazardous weste denned above. | | |
| For NON-EXEMPT waste the following documenta
MSDS Information | <u>میں ہے ہوا میں ایک ایک ہوت یہ ہے ہیں پر ان کی کہ ایک کر ایک کر اور ایک کر ایک کر ایک کر ایک کر ایک کر اور ایک ک</u> | | |
| For NON-EXEMPT waste the following documenta | tion is attached (check appropriate items): | | |

| Name | (Original Signature): <u>Juff Short</u> | |
|--------|---|---|
| Title: | Mointenance Superintendent | · |
| Date: | 7-29-03 | |

Date:

May. 23 2001 08:16AM P3

: MORT

| · · · · · · · · · · · · · · · · · · · | | الأسبو الأ | |
|--|---|---|--|
| District 1
1625 N. French Dr., Hobbs, NM 88240
District 11
1301 W. Grand Avenue, Artesia, NM 88210 | State of New Mexico
Energy Minerals and Natural Resourc | AUG 0 5 2003 Form C-138
Revised March 17, 1999 | |
| District III
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | OIL CONSCRAMENTON
LIVISION Submit Original
Plus 1 Copy
to Appropriate
District Office | |
| REQUEST FO | R APPROVAL TO ACCEPT | SOLID WASTE | |
| 1. RCRA Exempt: 🔲 Non-Exempt: [| × 1977 | 4. Generator: Compressor Systems Inc. | |
| Verbal Approval Received: Yes No 🛛 No | | 5. Originating Site: NEBU 485 Unit
410192 | |
| 2. Management Facility Destination: Envir
Landfarm #2 | 6. Transporter: Paul & Sons | | |
| 3. Address of Facility Operator: 5796 U.S
87401 | 8. State: New Mexico | | |
| 7. Location of Material (Street Address or U
Rio Arriba County | LSTR) "A" Sec 3, T30N, R7W, | Project #01038-013 | |
| 9. <u>Circle One</u> : | | | |
| one certificate per job.
B. All requests for approval to accept non- | eld exempt wastes will be accompanied by a
exempt wastes must be accompanied by ne
erator's certification of origin. No waste cla | | |
| All transporters must certify the wastes d | elivered are only those consigned for transp | ort. | |

BRIEF DESCRIPTION OF MATERIAL:

Used engine oil contaminated soil that was generated when oil ran over the drip lip of skid.

CWS & Analytical attached.

Dates on C-138 and CWS differ because analytical was not copied to my office when analysis was complete.

| Estimated Volume cy Known Volume (to be entered by the second seco | ne operator at the end of the haul) cy |
|--|--|
| SIGNATURE Management Facility Authorized Agent TITLE | Environmental Administrative Assistant DATE: 07/30/03 * |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: | (505) 632-0615 |
| (This space for State Use)
APPROVED BY: 100 TOTAL
APPROVED BY: Mut Mile TITL | E: Enviro/Engr DATE: 08/01/03
ESmilimmedial Geologist DATE: 08/5/03 |

<u>District 3</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> T301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 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: \Box Non-Exempt: \boxtimes $\Re = \Re [0] / \Re =$ | 4. Generator: Compressor Systems Inc. | |
|---|--|--|
| 1. RCRA Exempt: ☐ Non-Exempt: ⊠ D978/01/03
Verbal Approval Received: Yes No ⊠ No ⊠ | 5. Originating Site: NEBU 485 Unit 410192 | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Paul & Sons | |
| 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) "A" Sec 3, T30N, R7W,
Rio Arriba County | Project #01038-013 | |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for transport transport of the second se | ecessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be | |
| BRIEF DESCRIPTION OF MATERIAL: | | |
| | | |
| Used engine oil contaminated soil that was generated when oil ran over the | drip lip of skid. | |
| CWS & Analytical attached. | :
: | |
| Dates on C-138 and CWS differ because analytical was not copied to my office when ana | alysis was complete. | |
| Estimated Volumecy Known Volume (to be entered by the operator at the e | nd of the haul)cy | |
| SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 07/30/03 | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | |
| (This space for State Use) | | |
| APPROVED BY: Denny teen TITLE: Enviro/ | Eug DATE: 8/01/03 | |
| APPROVED BY: | DATE: | |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oll Conservation Division

2

CERTIFICATE OF WASTE STATUS

| 1 Gamman Name and Address | |
|--|---|
| 1. Generator Name and Address
COMPRESSOR SVITEMIN INC. | 2. Destination Name: |
| 5995 U3 Here 64 | Envirotech Inc. Soil Remediation Facility |
| | Landfarm #2 |
| FARMENCION W.M 87401 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| NEBU 485 UNIT 410192 "A".5 | ECT 3 TOUN 3ON RANGE DW |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Weste CHEVRON HO | 74 X |
| USLA ENLEN OIL RUN OVER DRS | |
| CONTAMENATENC DERT ON REAR OF | ESKID |
| | |
| | |
| I, <u>Chause</u> Ray
Print Name | ropresentative for ; |
| | |
| Conservation and Recovery Act (RCRA) and Environmental Protect | do hereby certify that, according to the Resource
ion Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| KXEMPT oilfield wasto XNON-EXEI
analysis c | MPT oilfield waste which is non-hazardous by characteristic
or by product identification |
| and that nothing has been added to the exempt or non-exempt non -1 | |
| | |
| For NON-EXEMPT waste the following documentation is attached | |
| <u>A</u> MSDS InformationO
RCRA Hazardous Waste Analysis | ther (description |
| Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally O | ccurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| Name (Original Signature): | · · · · · |
| Title: LEAL JERUSEE TECH | |
| Phone Number: 505-632-5501 Exr 125 | |
| | |
| Date: 7/2/23 | : |

Phono: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nun.us</u>

. . ..

TRACE METAL ANALYSIS

| Client: | CSI | Project #: | 01038-001 |
|--------------------|---------------|------------------|-------------|
| Sample ID: | #1 · · | Date Reported: | 07-14-03 |
| Laboratory Number: | 26061 | Date Sampled: | 07-10-03 |
| Chain of Custody: | 11105 | Date Received: | 07-11-03 |
| Sample Matrix: | Soil | Date Analyzed: | 07-14-03 |
| Preservative: | Cool | Date Digested: | 07-11-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) | |
|-----------|--------------------------|--------------------------|-------------------------------------|--|
| Arsenic | ND | 0.001 | 5.0 | |
| Barium | 6.52 | 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 | 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: NEBU 485.

Analyst

Mistine Review alters

==:

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project #: | | | N/A | |
|------------------------------------|--------------------------|---------------|----------|------------|-----------|------------|---------------------|--|
| Sample ID: | | 07-14-TM | QA/QC | Date Rep | orted: | | 07-14-03 | |
| Laboratory Number: | | 26061 | | Date Sam | pled: | N/A | | |
| Sample Matrix: | | Soil | | Date Rec | eived: | | N/A | |
| Analysis Requested: | | Total RCR | A Metals | Date Ana | lyzed: | | 07-14-03 | |
| Condition: | | N/A | | Date Dige | ested: | | 07-11-03 | |
| Blank & Duplicate
Conc. (mg/Kg) | lnstrumen
Blank (mg/l | | Detectio | on Sample | Duplicate | %
Diff. | Acceptance
Range | |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 6.52 | 6.50 | 0.3% | 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 | ND | ND | 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 | | Spike | Sampl | e Spiked | - Percent | | Acceptance | |
| Conc. (mg/Kg) | | Added | | Sample | Recovery | | Range | |
| Arsenic | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120% | |
| Barium | | 0.500 | 6.52 | 7.01 | 99.9% | | 80% - 120% | |
| Cadmium | | 0 .500 | ND | 0.499 | 99.8% | | 80% - 120% | |
| Chromium | | 0 .500 | ND | 0.50 | 100.0% | | 80% - 120 % | |
| Lead | | 0 .500 | ND | 0.50 | 99.8% | | 80% - 120 % | |
| Mercury | | 0 .050 | ND | 0.050 | 100.0% | | 80% - 120% | |
| Selenium | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120 % | |
| | | | | | | | 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 26061.

Analyst

Ustine of Water Review

CHAIN OF CUSTODY RECORD

11105

| Client / Project Name | | | Project Location | 195 | | ANALYSIS / PARAMETERS | | | | | | | | |
|-------------------------------|----------------|----------------|------------------|----------------------------|--------------------------|-----------------------|-------------|----|--|---|----------|---------|--------------|----------|
| Sampler:
Phyllip Po | ly- | | Client No. | 485 | of
tiners | 3(8) |) | | | | R | emarks | 3 | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | No. of
Containers | PCC | >
-
- | | | | | | | |
| #1 | 7/10 | 15:00 | 26061 | Soil | | | | | | | • | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Relinquished by: (Signatu | ire) | | | Date Time
7/119:57) | Received by: | (Signature | | X | | <u> </u> | 7 | ate | Time
9:57 | _
/ |
| Relinquished by: (Signatu | re) | | | | Received by: | (Signature | | 9L | | | | <u></u> | // 5 (| |
| Relinquished by: (Signatu | re) | | | | Received by: | (Signature |) | | | | | | | |
| | | | E | EUVIBOI | IECH | INC | /. | | | Sa | ample Re | eceipt | N N | /A |
| | | _• | | 5796 U.S.
Farmington, N | . Highway 6
ew Mexico | | - · · | | | Received I | ntact | 1 | | _ |
|
 | | | | | 632-0615 | 07 101 | | | | Cool - Ice/Bl | ue Ice | | | |

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: 🔯 | 4. Generator: Halliburton Energy
Services |
|--|--|
| Verbal Approval Received: Yes 🗌 No 🛛 | 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) 4189 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 7/23/03 attached.

| Estimated Volume | су Кло | wn Volume (to be en | tered by the operator | at the end of the haul) | 60 cy | ` |
|---|---------------|---------------------|-------------------------|-------------------------|-------------|--------------------------|
| SIGNATURE SUN
Waste Ma | VRA R. | Authorized Agent | JTITLE: Environ | mental Administrative | e Assistant | DATE: <u>07/30/03</u> *• |
| TYPE OR PRINT NAM | E: Landrea Ja | ackson Telepho | one no: <u>(505) 63</u> | <u>2-0615</u> | | |
| (This space for State U
APPROVED BY: | (se)
Ferry | Dont | TITLE EN | ivo/Engl- | DATE | 8/01/03 |
| APPROVED BY: | haty . | 224. | TITLE: Envi | | DATE: | TIL |

| <u>District 1</u>
1625 N. French Dr., Hobbs, NM 88240
State of New Mexico | Form C-138 |
|--|--|
| District IIEnergy Minerals and Natural R1301 W. Grand Avenue, Artesia, NM 88210Oil Conservation DivisiDistrict III000 Rio Brazos Road, Aztec, NM 874100il Conservation DivisiDistrict IV1220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505 | esources Revised March 17, 1999
on Submit Original
Plus 1 Copy
Dr. to Appropriate |
| REQUEST FOR APPROVAL TO ACC | CEPT SOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | 4. Generator: Halliburton Energy
Services |
| Verbal Approval Received: Yes 🗌 No 🛛 | 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, NN 87401 | 8. State: New Mexico |
| 7. Location of Material (Street Address or ULSTR) 4189 E. Main Street, Farmington | Project #92132-001 |
| B. All requests for approval to accept non-exempt wastes must be accompanied material is not-hazardous and the Generator's certification of origin. No wa approved All transporters must certify the wastes delivered are only those consigned for BRIEF DESCRIPTION OF MATERIAL: Wash bay grit from 2 bays that have been dried in a drying bed. CWS and TCLP dated 7/23/03 attached. | aste classified hazardous by listing or testing will be |
| Estimated Volumecy Known Volume (to be entered by the operator at | the end of the haul)cy |
| SIGNATURE JANARA K. JACKSON TITLE: Environme
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-6 | ental Administrative Assistant DATE: 07/30/03 |
| (This space for State Use)
APPROVED BY: <u>TITLE:</u>
APPROVED BY: <u>TITLE:</u> | and all all and |

| TITLE |
|-------|
| |

APPROVED BY:

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7-31-03;12:18PM:HALLIBURTON PURCH. 7-31-03; 7:52AM;ENVIRO"

;5053243515 ;5056321865



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
Halliburtow Ewergy Services
4109 E Main ST
Farmingtow NM 87402
3. Originating Site (name):
Halliburton | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico
Location of the Waste (Street address &/or ULSTR): |
|---|---|
| 4109 Emain ST
FORM INSTOWN MM & 7402
attach list of originating sites as appropriate
4. Source and Description of Waste
WASA BAY GLOT FROM 2 BAYS THE
BED. | 4109 E. MAINST.
FACMINGTON, NM 87402. |
| I, Mrr/rDKrtause TTT | representative for : |
| HALLIBURTON ENGLAY SERVICES
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | |
| · · · · · · · · · · · · · · · · · · · | MPT oilfield waste which is non-hazardous by characteristic
or by product identification |
| RCRA Hazardous Waste Analysis
Chain of Custody | check appropriate items):
ther (description |
| This waste is in compliance with Regulated Levels of Naturally Oc
NMAC 3.1 subpart 1403.C and D. | ccurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): Male D L. Ht | |
| Title: Material Control Supe. | |
| Phone Number: <u>503-3721-3551</u> | |
| Date: 7-29-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

FOVIROTECHLABS

BRACTICAL SOLUTIONS FOR A BEITTERTOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | Halliburton | Project #: | 92132-001 |
|-------------------------------|----------------------------------|---|-----------|
| Sample ID: | 2003 Wash Bay Sludge | Date Reported: | 07-23-03 |
| Lab ID#: | 26147 | Date Sampled: | 07-23-03 |
| Sample Matrix: | Soil | Date Received: | 07-23-03 |
| Preservative: | Cool | Date Analyzed: | 07-23-03 |
| Condition: | Cool and Intact | Chain of Custody: | 11169 |
| | • | | |
| Parameter | Result | | |
| IGNITABILITY: | Negative | | |
| CORROSIVITY: | Negative | pH = 6.78 | |
| REACTIVITY: | Negative | | |
| RCRA Hazardous Waste Criteria | | | |
| Parameter | Hazardous Waste Criterion | | |
| IGNITABILITY: | Ç | defined by 40 CFR, Subpart C, Sec. 26
ct contact with flame or flash point < 60' | |
| CORROSIVITY: | = | s defined by 40 CFR, Subpart C, Sec. 2
.0 or pH greater than or equal to 12.5) | 61.22. |
| REACTIVITY: | (i.e. Violent reaction with wate | defined by 40 CFR, Subpart C, Sec. 26
r, strong base, strong acid, or the gener
es at STP with pH between 2.0 and 12. | ration |
| Reference: | 40 CFR part 261 Subpart C se | ections 261.21 - 261.23, July 1, 1992. | |
| | | | |

Analyst

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FOUROTECH LABS

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

| Client: | Halliburton | Project #: | 92132-001 |
|--------------------|----------------------|---------------------|-----------|
| Sample ID: | 2003 Wash Bay Sludge | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | Date Sampled: | 07-23-03 |
| Chain of Custody: | 11169 | Date Received: | 07-23-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 07-23-03 |
| Preservative: | Cool | Date Analyzed: | 07-25-03 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

| | | Detection | Regulatory | |
|----------------------|---------------|-----------|----------------|--|
| | Concentration | Limit | Limits | |
| Parameter | (mg/L) | (mg/L) | (mg/L) | |
| Vinyl Chloride | ND | 0.0001 | 0.2 | |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 | |
| 2-Butanone (MEK) | 0.0182 | 0.0001 | 200 | |
| Chloroform | ND | 0.0001 | 6.0 | |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 | |
| Benzene | 0.0073 | 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 Accep | otance Criteria | Parameter | Percent Recovery |
|-------------|-------------------------|--|-----------------------|
| , | | Fluorobenzene | 100% |
| | | 1,4-difluorobenzene | 100% |
| | | 4-bromochlorobenzene | 100% |
| References: | Method 1311, Toxicity C | haracteristic Leaching Procedure, SW-8 | 46, USEPA, July 1992. |
| | Method 5030, Purge-and | -and-Trap, SW-846, USEPA, July 1992. | |
| | Method 8010, Halogena | ted Volatile Organic, SW-846, USEPA, S | Sept. 1994. |
| | Method 8020, Aromatic | Volatile Organics, SW-846, USEPA, Sep | t. 1994. |
| Note: | Regulatory Limits based | on 40 CFR part 261 Subpart C section 2 | 261.24, July 1, 1992. |
| | Halliburton. | | |

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n Walters Mistine Review

EPA METHOD 8040 PHENOLS

| Client: | Halliburton | Proiect #: | 92132-001 |
|--------------------|----------------------|---------------------|-----------|
| Sample ID: | 2003 Wash Bay Sludge | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | Date Sampled: | 07-23-03 |
| Chain of Custody: | 11169 | Date Received: | 07-23-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 07-23-03 |
| Preservative: | Cool | Date Analyzed: | 07-25-03 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

| | Concentration | Detection
Limit | Regulatory
Limit |
|-----------------------|---------------|--------------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND 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.

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

Note:

Comments: Halliburton.

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MWalters Review

HANGINGAL SOLUMIONS HOLF AND ELAPERATION MORTHOWN

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

| Client: | Halliburton | Project #: | 92132-001 |
|--------------------|----------------------|---------------------|-----------|
| Sample ID: | 2003 Wash Bay Sludge | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | Date Sampled: | 07-23-03 |
| Chain of Custody: | 11169 | Date Received: | 07-23-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 07-23-03 |
| Preservative: | Cool | Date Analyzed: | 07-25-03 |
| Condition: | Cool and Intact | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | | Parameter | Percent Recovery |
|---------------------------|-------------------------|---|----------------------------|
| | | 2-fluorobiphenyl | 99% |
| References: | Method 3510, Separato | Characteristic Leaching Procedure, S
ry Funnel Liquid-Liquid Extraction, S
natics and Cyclic Ketones, SW-846, | SW-846, USEPA, July 1992. |
| Note: | Regulatory Limits based | i on 40 CFR part 261 Subpart C sec | tion 261.24, July 1, 1992. |
| Comments: | Halliburton. | | |

Mistine Mulalters Review



EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | Halliburton | Project #: | 92132-001 |
|--------------------|----------------------|------------------|-------------------|
| Sample ID: | 2003 Wash Bay Sludge | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | Date Sampled: | 07-23-03 |
| Chain of Custody: | 11169 | Date Received: | 07-23-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 07-25-03 |
| Preservative: | Cool | Date Extracted: | 07 - 23-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| | | Det. | Regulatory |
|-----------|---------------|--------|------------|
| | Concentration | Limit | Level |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| 6 | | đ | |
| Arsenic | 0.008 | 0.001 | 5.0 |
| Barium | 0.964 | 0.001 | 100 |
| Cadmium | 0.002 | 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 | 0.003 | 0.001 | 1.0 |
| Silver | ND | 0.001 | 5.0 |

ND - Parameter not detected at the stated detection limit.

Analyst

| 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: | Halliburton. |
| Dear | P. Quince (Mistine m Walters |

Review



QUALITY ASSURANCE / QUALITY CONTROL

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DOCUMENTATION

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

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Laboratory Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 07-25-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 07-25-03 |
| Condition: | N/A | Analysis Requested: | TCLP |

| | · · · · · | Detection | Regulatory | |
|----------------------|---------------|-----------|------------|--|
| | Concentration | Limit | Limits | |
| Parameter | (mg/L) | (mg/L) | (mg/L) | |
| Vinyl Chloride | ND | 0.0001 | 0.2 | |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 | |
| 2-Butanone (MEK) | ND | 0.0001 | 200 | |
| Chloroform | ND | 0.0001 | 6.0 | |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 | |
| Benzene | ND | 0.0001 | 0.5 | |
| 1,2-Dichloroethane | ND | 0.0001 | 0.5 | |
| Trichloroethene | ND | 0.0003 | 0.5 | |
| Tetrachloroethene | ND | 0.0005 | 0.7 | |
| 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 C | haracteristic Leaching Procedure, SW-84 | 6, USEPA, July 1992. |
| | Method 5030, Purge-and | I-Trap, SW-846, USEPA, July 1992. | |
| ; | | | |
| ; | Method 8010, Halogena | ted Volatile Organic, SW-846, USEPA, Se | ept. 1994. |

Comments:

QA/QC for sample 26147.

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 07-23-TCV | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 07-25-03 |
| Condition: | N/A | Date Extracted: | 07-23-03 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | Parameter | Percent Recovery | |
|---------------------------|----------------------|------------------|--|
| | Fluorobenzene | 99% | |
| | 1,4-difluorobenzene | 98% | |
| | 4-bromochlorobenzene | 98% | |

| References: | Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. |
|-------------|--|
| <u>.</u> · | 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 26147.

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SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | ConocoPhillips | _ Project #: | 96052-026 |
|-------------------------------|--------------------|---|-----------|
| Sample ID: | Stained Soil | Date Reported: | 07-16-03 |
| Lab ID#: | 26080 | Date Sampled: | 07-09-03 |
| Sample Matrix: | Soil | Date Received: | 07-15-03 |
| Preservative: | Cool | Date Analyzed: | 07-16-03 |
| Condition: | Cool and Intact | Chain of Custody: | 11109 |
| Parameter | Result | | |
| IGNITABILITY: | Negative | | |
| CORROSIVITY: | Negative | pH = 8.68 | |
| REACTIVITY: | Negative | | |
| RCRA Hazardous Waste Criteria | | | |
| Parameter | Hazardous Was | te Criterion | |
| IGNITABILITY: | | f Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21.
ition upon direct contact with flame or flash point < 60° C.) | |
| CORROSIVITY: | | Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22.
In or equal to 2.0 or pH greater than or equal to 12.5) | |
| REACTIVITY: | (i.e. Violent read | Reactivity as defined by 40 CFR, Subpart C, Sec. 261.23.
tion with water, strong base, strong acid, or the generation
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: | 30 - 5 #228 | Compressor Spill. | |

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EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

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| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|----------------|------------------|-------------|
| Sample ID: | Stained Soil | Date Reported: | 07-17-03 |
| Laboratory Number: | 26080 | Date Sampled: | 07-09-03 |
| Chain of Custody: | 11109 | Date Received: | 07-15-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 07-17-03 |
| Preservative: | Cool | Date Extracted: | 07-16-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |
| | | | |

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

| Arsenic | ND | 0.001 | 5.0 |
|----------|-------|-------|-----|
| Barium | 0.630 | 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 | 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:

30 - 5 #228 Compressor Spill.

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VE SOLUTIONS FOR

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

| Client: | QA/QC | | Project #: | N/A |
|----------------------|---------------|-----------|-----------------|------------|
| Sample ID: | Matrix Duplic | ate | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extrac | t . | Date Received: | N/A |
| Analysis Requested: | TCLP | | Date Analyzed: | 07-25-03 |
| Condition: | N/A | | Date Extracted: | 07-23-03 |
| | | Duplicate | | |
| | Sample | Sample | Detection | • |
| | Result | Result | Limits | Percent |
| Parameter | (mg/L) | (mg/L) | (mg/L) | Difference |
| Vinyl Chloride | ND | ND | 0.0001 | 0.0% |
| 1,1-Dichloroethene | ND | ND | 0.0001 | 0.0% |
| 2-Butanone (MEK) | 0.0182 | 0.0181 | 0.0001 | 0.5% |
| Chloroform | ND | ND | 0.0001 | 0.0% |
| Carbon Tetrachloride | ND | ND | 0.0001 | 0.0% |
| Benzene | 0.0073 | 0.0073 | 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.

QA/QC for sample 26147. Comments:

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"hristine M Walters Review

CONTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| | | Outline al | 014/ 0.40 |
|---------------------|--------------|-----------------|-----------|
| Condition: | N/A | Date Extracted: | 07-23-03 |
| Analysis Requested: | TCLP | Date Analyzed: | 07-25-03 |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Laboratory Number: | 26147 | Date Sampled: | N/A |
| Sample ID: | Matrix Spike | Date Reported: | 07-25-03 |
| Client: | QA/QC | Project #: | N/A |

| | | | Spiked | | | SW-846 |
|----------------------|--------|--------|--------|--------|----------|---------|
| | Sample | Spike | Sample | Det. | | % Rec. |
| | Result | Added | Result | Limit | Percent | Accept. |
| Parameter | (mg/L) | (mg/L) | (mg/L) | (mg/L) | Recovery | Range |
| Vinyl Chloride | ND | 0.050 | 0.0495 | 0.0001 | 99.0% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 98.8% | 43-143 |
| 2-Butanone (MEK) | 0.0182 | 0.050 | 0.0680 | 0.0001 | 99.7% | 47-132 |
| Chloroform | ND | 0.050 | 0.0500 | 0.0001 | 100.0% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0495 | 0.0001 | 99.0% | 43-143 |
| Benzene | 0.0073 | 0.050 | 0.0571 | 0.0001 | 99.7% | 39-150 |
| 1,2-Dichloroethane | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99.0% | 26-162 |
| Chlorobenzene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99.0% | 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 26147.

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- NIROTECH LABS

RRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

| Client: | QA/QC | Project #: | N/A |
|-----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 07-25-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 07-25-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| Analytical Results | | Detection | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND | 0.020 | 2.0 |
| 2,4,5-Trichlorophenol | ND | 0.020 | 400 |
| Pentachlorophenol | ND | 0.020 | 100 |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|----------------------|------------------|
| | 2-fluorophenol | 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 26147.

Analyst

Mistine Mulaters Review

EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|---------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 07-23-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 07-23-03 |
| Condition: | Cool & Intact | Date Analyzed: | 07-25-03 |
| | | 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 Recov | ries: Paramete | e r | Percent Recovery |
|-----------------|--|----------------------------------|------------------------------|
| | 2-Fluorop
2,4,6-Tribi | henol
romophenol | 99%
99% |
| References: | Method 1311, Toxicity Characte
Waste, SW-846, USEPA, July 1 | • | lethods for Evaluating Solid |
| | Method 3510, Separatory Funne
Waste, SW-846, USEPA, July 1 | | Aethods for Evaluating Solid |
| | Method 8040, Phenols, Test Me | thods for Evaluating Solid Waste | , SW-846, USEPA, Sept. 1986 |
| Note: | Regulatory Limits based on 40 C | CFR part 261 subpart C section 2 | 61.24, July 1, 1992. |
| Comments: | QA/QC for sample 26147. | | |

Analyst

<u>Review</u> M Wetlers

EPA METHOD 8040 PHENOLS Quality Assurance Report

| | • | | |
|--------------------|------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | Matrix Duplicate | Date Reported: | 07-25-03 |
| Laboratory Number: | 26147 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 07-23-03 |
| Condition: | Cool & Intact | Date Analyzed: | 07-25-03 |
| | | 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 Acce | otance Criteria: | Parameter | Maximum Difference |
|-------------|--|---|-------------------------------|
| | | 8040 Compounds | 30.0% |
| References: | Method 1311, Toxicity (
Waste, SW-846, USEP | Characteristic Leaching Procedure Test N
A, July 1992. | Methods for Evaluating Solid |
| | Method 3510, Separato
Waste, SW-846, USEP | ry Funnel Liquid-Liquid Extraction, Test
A, July 1992. | Methods for Evaluating Solid |
| | Method 8040, Phenols, | Test Methods for Evaluating Solid Waste | e, SW-846, USEPA, Sept. 1986. |
| Note: | Regulatory Limits based | d on 40 CFR part 261 subpart C section 2 | 261.24, July 1, 1992. |
| Comments: | QA/QC for sample | 26147. | |
| \cap | | | |

Analyst

hristine n Watters Review

FOUROTECE LABS

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Laboratory Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 05-25-TBN | Date Sampled: | N/A |
| Sample Matrix: | Hexane | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | N/A |
| Condition: | N/A | Date Analyzed: | 07-25-03 |
| | | 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 Accep | tance Criteria | Parameter | Percent Recovery |
|-------------|--------------------------|--|--------------------------|
| | | 2-fluorobiphenyl | 101% |
| References: | Method 3510, Separat | Characteristic Leaching Procedure, S
ory Funnel Liquid-Liquid Extraction, S
matics and Cyclic Ketones, SW-846, I | W-846, USEPA, July 1992. |
| | De sulatare tirrita haas | ed on 40 CFR part 261 Subpart C sect | |

Comments:

QA/QC for sample 26147.

Analyst

Mistine Mudeters Review

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 07-25-03 |
| Laboratory Number: | 07-23 - TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 07-23-03 |
| Condition: | Cool and Intact | Date Analyzed: | 07-25-03 |
| | | Analysis Requested: | TCLP |

| | Concentration | Det.
Limit | Regulatory
Limit |
|---------------------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (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 Accep | tance Criteria | Parameter | Percent Recovery | | | | |
|-------------|---|--|----------------------------|--|--|--|--|
| | | 2-fluorobiphenyl | 96% | | | | |
| References: | erences: Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1 | | | | | | |
| | Method 3510, Separate | ory Funnel Liquid-Liquid Extraction, S | SW-846, USEPA, July 1992. | | | | |
| | Method 8090, Nitroaro | matics and Cyclic Ketones, SW-846, | USEPA, Sept. 1986. | | | | |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C sec | tion 261.24, July 1, 1992. | | | | |
| : | 0 , | | | | | | |
| | | | | | | | |

Comments: QA/QC for sample 26147.

Analyst

heters Review



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

0.0%

0.0%

0.020

0.020

| Client: | QA/QC | Project #: | | N/A | |
|---------------------|------------------|-----------------|------------|----------|--|
| Sample ID: | Matrix Duplicate | Date Reported: | | 07-25-03 | |
| Laboratory Number: | 26147 | Date Sampled: | | N/A | |
| Sample Matrix: | TCLP Extract | Date Received: | | N/A | |
| Preservative: | N/A | Date Extracted: | | 07-23-03 | |
| Condition: | N/A | Date Analyzed: | | 07-25-03 | |
| | | Analysis Reque | sted: | TCLP | |
| | Sample | Duplicate | | Det. | |
| | Result | Result | Percent | Limit | |
| Parameter | (mg/L) | (mg/L) | Difference | (mg/L) | |
| Pyridine | ND | ND | 0.0% | 0.020 | |
| Hexachloroethane | ND | ND | 0.0% | 0.020 | |
| Nitrobenzene | ND | ND | 0.0% | 0.020 | |
| Hexachlorobutadiene | ND | 0.0% | 0.020 | | |

ND

ND

ND

ND

ND - Parameter not detected at the stated detection limit.

2,4-Dinitrotoluene

HexachloroBenzene

| QA/QC Accep | tance Criteria | Parameter | Maximum Difference | | | | |
|-------------|---|---------------------------------------|-------------------------|--|--|--|--|
| | N | 8090 Compounds | 30% | | | | |
| References: | Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 19
Method 3510, Separatory Funnel Liquid-Liquid Extraction, SW-846, USEPA, July 199
Method 8090, Nitroaromatics and Cyclic Ketones, SW-846, USEPA, Sept. 1986. | | | | | | |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C sectio | n 261.24, July 1, 1992. | | | | |
| Comments: | QA/QC for sample | 26147 | | | | | |

Analyst

Jatters Ni Review

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

Range

| Client: | | N/A | | Project # | : | N/A | | |
|---------------------|------------|--|----------|-----------|-------------|------------|------------|--|
| Sample ID: | | 07-25-TCM QA/QC | | Date Rep | oorted: | | 07-25-03 | |
| Laboratory Number: | | 26147 | | Date San | npled: | | N/A | |
| Sample Matrix: | | Water | | Date Rec | eived: | | N/A | |
| Analysis Requested: | | TCLP Meta | als | Date Ana | lyzed: | | 07-25-03 | |
| Condition: | | N/A | | Date Extr | acted: | | N/A | |
| Blank & Duplicate | Instrument | Method | Detectio | on Sample | e Duplicati | | Acceptance | |
| Conc. (mg/L) | Blank | Carlos and the construction of the constructio | Limit | 14. P | | Difference | | |
| Arsenic | ND | ND | 0.001 | 0.008 | 0.008 | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 0.964 | 0.961 | 0.3% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 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 | 0.003 | 0.003 | 0.0% | 0% - 30% | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| | | | | · | | | | |
| Spike | | Spike | Sample | e Spiked | Percent | | Acceptance | |

| Arsenic | 0.500 | 0.008 | 0.507 | 99.8% | 80% - 120% |
|----------|-------|-------|-------|--------|-------------------|
| | 0.500 | 0.964 | 1.46 | 99.7% | |
| Barium | | | | | 80% - 120% |
| Cadmium | 0.500 | 0.002 | 0.502 | 100.0% | 80% - 120% |
| Chromium | 0.500 | 0.001 | 0.500 | 99.8% | 80% - 120% |
| Lead | 0.500 | 0.001 | 0.500 | 99.8% | 80% - 120% |
| Mercury | 0.050 | ND | 0.050 | 100.0% | 80% - 120% |
| Selenium | 0.500 | 0.003 | 0.502 | 99.8% | 80% - 120% |
| Silver | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |

Sample Recovery

ND - Parameter not detected at the stated detection limit.

References:

Conc. (mg/L)

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 26147.

Added

Analyst

Miline M Walter

CHAIN OF CUSTODY RECORD

11169

| Client / Project Name | | | Project Location | | | ANALYSIS / PARAMETERS | | | | 7 | | | | | | |
|------------------------------------|----------------|----------------|------------------|---|----------------------------|-----------------------|-------------------|-------|---|---------------|----------|---------|--------------|-------------|-----|----------|
| Hall; burton | | | 92/33 | - 001 | , | | | | | | | <u></u> | | | | |
| Sampler: | | | Client No. | | | ស្ល | | | | Remarks | | | | | | |
| Morgan Killer | j~ | | Halliburto | Halliburton | | No. of | Containers
こくめ | | | | | | | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | z | Contain | | | | | | | | | |
| Halliburton2003
Wash B#9 Sludge | 7-230 | 11:55 | 26147 | 50: | [| 1 | 1 | | | | | | | | | |
| | | | | | | | | | | | | | | | |] |
| | | | | | | | | | | | | | | | | |
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| | <u> </u> | | | | | | | | | | | | | | | <u> </u> |
| Relinquished by: (Signatu | | | | Date | Time | Received | DV: (Signat | | | | | | | Date | | ne I |
| Horgen Kil | | | | 7-23-03 | | | م | e.,6 | | | - | | | -2 3.03 | | |
| Relinquished by: (Signatu | ure) | | | | | Received | by: (Signat | ture) | - | | <u> </u> | | <u>7</u> | <u> </u> | 6.2 | |
| Relinquished by: (Signatu | ure) | | | | | Received | by: (Signal | ture) | | | · | | | | | |
| | | | | FOV | 'IRO | | | C | | | | | Sample |
Receipt | | |
| | | | | t grafferstering og
til stad star farsette | er i over pelois de la com | e se se se s | St. St. San St. | | | | | | | Y | N | N/A |
| | | | | | 5796 U.S
ington, N | | |)1 | | | Ĩ | Rece | eived Intact | i | - | |
| | | | | | | 632-061 | | | | | | Cool - | Ice/Blue Ice | `_ | | |

Distric 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**

JUL 3 1 2003

Environmental Bureau Oil Conservation Division Submit Original Plus 1 Copy to Appropriate District Office

Form C-138

Revised March 17, 1999

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

| 1. RCRA Exempt: 🗌 Non-Exempt: 🛛 | 4. Generator: Conoco Phillips |
|---|--|
| Verbal Approval Received: Yes 🔲 No 🛛 | 5. Originating Site: SJ 30-5 Unit #228 |
| 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) "L" Sec 28, T30N, R5W,
Rio Arriba County | Project #96052-040 |

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 stained with compressor waste oil.

CWS and analytical attached.



Known Volume (to be entered by the operator at the end of the haul) Estimated Volume 6 cy

| SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant | DATE: <u>07/23/03</u> |
|--|-----------------------|
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | o7ti∩\$−` |

(This space for State Use) APPROVED BY TITI TITLE: Zwimm DATE: 7/2/ APPROVED BY 103

| District 1
1625 N. French Dr., Hobbs, NM 88240State of New MexicoDistrict II
1301 W. Grand Avenue, Artesia, NM 88210Energy Minerals and Natural Resource | Form C-138
rces Revised March 17, 1999 |
|--|---|
| District III
1000 Rio Brazos Road, Aztec, NM 87410Oil Conservation DivisionDistrict IV
1220 S. St. Francis Dr., Santa Fe, NM 875051220 South St. Francis Dr.
Santa Fe, NM 87505 | Submit Original
Plus 1 Copy
to Appropriate
District Office |
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: SJ 30-5 Unit #228 |
| 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) "L" Sec 28, T30N, R5W,
Rio Arriba County | Project #96052-040 |
| 9. <u>Circle One</u> : | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste cl approved | ecessary chemical analysis to PROVE the |
| All transporters must certify the wastes delivered are only those consigned for trans | port. |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Soil stained with compressor waste oil. | |
| CWS and analytical attached. | 16. 10. 10 M |
| Estimated Volume <u>6</u> cy Known Volume (to be entered by the operator at the end of | the haul)cy |
| SIGNATURE Jandula R. autorized Agent TITLE: Environmental | Administrative Assistant DATE: 07/23/03 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | |
| (This space for State Use) | |
| APPROVED BY: Demy tent TITLE: Enviro/E | DATE: |
| | |

S

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 | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | San Juan 30-5 Unit #228
Unit L, Sec. 28, T30N R5W
Rio Arriba County, New Mixico
attach list of originating sites as appropriate | API# 30-039-25127 |
| | 4. Source and Description of Waste
6 Cy Soil Stained W/ Compresson | |
| | | |
| I, | Monica D. Olson
Print Name | representative for : |
| | ConocoPhillips Company | |
| | vation and Recovery Act (RCRA) and Environmental Protection A
ned waste is: (Check appropriate classification) | do hereby certify that, according to the Resource gency's July, 1988, regulatory determination, the above |
| EX | XEMPT oilfield waste | oilfield waste which is non-hazardous by characteristic product identification |
| and that | it nothing has been added to the exempt or non-exempt non -hazar | dous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (check
MSDS InformationOther (
CRCRA Hazardous Waste Analysis
Chain of Custody | k appropriate items):
description |
| | aste is in compliance with Regulated Levels of Naturally Occurr
3.1 subpart 1403.C and D. | ing Radioactive Material (NORM) pursuant to 20 |
| Name (0 | Original Signature): MMILLE D. MAM | |
| Title: | HSE & Regulatory Technician | |
| Date: | 7-21-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u>

Envirotechlabs

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | N/A | | Project #: | | | N/A |
|-----------------------------------|---------------------|-----------------|-----------|-------------|-----------|-----------------|---------------------|
| Sample ID: | | 07-17-TCM | OA/OC | Date Repor | rted. | | 07-17-03 |
| Laboratory Number: | | 26080 | | Date Samp | | | N/A |
| Sample Matrix: | | TCLP Extra | ct | Date Recei | | N/A | |
| Analysis Requested: | | TCLP Meta | | Date Analy: | | | 07-17-03 |
| Condition: | | N/A | | Date Extrac | | | 07-16-03 |
| Condition. | | | | | JIEU. | | 07-10-03 |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank | Method
Blank | Detection | Sample | Duplicate | %
Difference | Acceptance
Range |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 0.630 | 0.632 | 0.3% | 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 | ND | ND | 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 | | Spike | Sample | Spiked | Percent | | Acceptance |
| Conc. (mg/L) | | Added | | Sample | Recovery | | Range |
| | | | | | | | |
| Arsenic | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120% |
| Barium | | 0.500 | 0.630 | 1.110 | 98.2% | | 80% - 12 0% |
| Cadmium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 12 0% |
| Chromium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 12 0% |
| Lead | | 0.500 | ND | 0.499 | 99.8% | | 80% - 12 0% |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 12 0% |
| Selenium | | 0.500 | ND | 0.498 | 99.6% | | 80% - 12 0% |
| Silver | | 0.500 | ND | 0.499 | 99.8% | | 80% - 12 0% |

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 26080, 26095.

Analyst

Mistine Marters

CHAIN OF CUSTODY RECORD

11109

| Client / Project Name | | | Project Location | | | | | | | | | | | | | |
|---------------------------|----------|----------|------------------------------------|---------|------------|----------|-----------------------|---------------|-------|---|---|---------|---------------------------------------|-----------|----------|--------------|
| Conce Phillip | j. | | 32-5 228 | | | | ANALYSIS / PARAMETERS | | | | | | | | | |
| Sampler: C | | | Client No. 96052-026
-47070-003 | | | SI IS | 725 | # | | | | Remarks | | | | |
| | | | | | | | No. of
Containers | T | EFD | | | | | | | |
| Sample No./ | Sample | Sample | Lab Number | | oumpic | | Cont | ES. | NE | | | | | | | |
| | Date | Time | | | Matrix | | | : Ŋ\$ | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| Steilined Soil | 7-9-03 | | 26080 | So | <u>, </u> | | | | | | | | Compre | sa | <u> </u> | <u>'/</u> |
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| Relinquished by: (Signatu | re) | <u>1</u> | · L | Date | Time | Regei | ved by: | I
(Signati | ure), | | l | · . | 1 | Date | Ti | me |
| Masica (t | u piece | j | | 7-15-03 | 07:00 | N | <u> </u> | _ C | | e | | | | 7-15-05 | 09 | 'gu |
| Relinquished by: (Signatu | re) | | | | | Recei | ved by: | (Signat | ure) | | | | | | | |
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| | | | | ENV | IRO | TE(| CH | IN | C. | | | | Sample | e Receipt | · | |
| | | | | | | | | | | | | | | Y | N | N/A |
| | | | | | 5796 U.S | - | - | | | | | Rec | ceived Intac | 1 | | |
| • | | | | Farmi | ington, N | | | 8740 |)1 | | | | | | | |
| <u> </u> | | · | | | (505) | 632-0 | 0615 | | | | | Cool | - Ice/Blue lo | ce i | | |

| District 1
1625 7. French Dr., Hobbs, NM & BACECEIVED State of New Mexico | Form C-138 |
|--|--|
| District II Energy Minerals and Natural Resource 1301 W. Grand Avenue, Artesia, NM 88210 District III 1300 Rio Brazos Road, Aztec, NM 87410 UL 2, 8 2003 District IV Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, 104175050 Santa Fe, NM 87505 Division Santa Fe, NM 87505 | Revised March 17, 1999
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🛄 No 🛛 | 5. Originating Site: Lower Yard |
| 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) 5525 Highway 64,
Farmington, NM 87401 | Project #96052-039 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste companied | necessary chemical analysis to PROVE the |
| approved All transmostors must certify the unstag delivered are only those consigned for trans | apart |
| All transporters must certify the wastes delivered are only those consigned for trans | |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL: | sport.
RECEIVED |
| All transporters must certify the wastes delivered are only those consigned for trans | |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps. | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached. | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division
d until July 23, 2003. |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached.
*CWS is dated 7/11/03 but was originally classified as exempt; analysis was not received
Estimated Volume <u>5.5 cy</u> Known Volume (to be entered by the operator at the end | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division
d until July 23, 2003. |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached.
*CWS is dated 7/11/03 but was originally classified as exempt; analysis was not received
Estimated Volume <u>5.5 cy</u> Known Volume (to be entered by the operator at the end
SIGNATURE MANAGE WASA | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division
d until July 23, 2003.
of the haul)cy
Administrative Assistant DATE: 07/23/03 |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached.
*CWS is dated 7/11/03 but was originally classified as exempt; analysis was not received
Estimated Volume <u>5.5 cy</u> Known Volume (to be entered by the operator at the end
SIGNATURE Waste Management facility Authorized Agent TITLE: Environmental
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division
d until July 23, 2003.
of the haul)cy
Administrative Assistant DATE: 07/23/03 |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached.
*CWS is dated 7/11/03 but was originally classified as exempt; analysis was not received
Estimated Volume <u>5.5</u> cy Known Volume (to be entered by the operator at the end
SIGNATURE Waste Management Recility Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | RECEIVED
JUL 3 1 2003
Environmental Bureau
Oil Conservation Division
d until July 23, 2003.
of the haul)cy
Administrative Assistant DATE: 07/23/03 |

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| District I State of New Mexico I625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resord District II Oil Conservation Division 1301, W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District III Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis I/F 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|---|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🛛
Verbal Approval Received: Yes 🗌 No 🖾 | 4. Generator Conoco Phillips 5. Originating Site: Sunnyside
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: Colorado |
| 7. Location of Material (Street Address or ULSTR) "E" Sec 9, T33N, R9W, La Plata County | Project #96052-041 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste cl approved All transporters must certify the wastes delivered are only those consigned for trans | ecessary chemical analysis to PROVE the
assified hazardous by listing or testing will be |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Used compressor oil stained soil from slop tank leak.
CWS, notification to CDPHE, and analytical attached. | |
| Estimated Volume, 13 cv. Known Volume (to be entered by the operator at the end of | °the baul) cv |

| Estimated | volume _ | <u> </u> | KIIOWII V | olume (lo | be entered | by the oper | ator at the | end of the f | iaul) |
_cy |
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| and the states of the second second | | | | | | | | | 1 A.M. WI. LANDING. MIL 1993 |
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| | | , | \cap | | | | | | | |

| SIGNATURE Superior Sachity Authorized Agent | TITLE: Environmental Administrative Assistant | DATE: <u>07/23/03</u> |
|---|---|-----------------------|
|---|---|-----------------------|

 TYPE OR PRINT NAME: Landrea Jackson
 TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|-------------------|---------------|
| APPROVED BY: Denny Kent | TITLE: Enviro/Eng | DATE: 7/24/03 |
| APPROVED BY: | TITLE: | DATE: |

96052-041



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Date:

Lori Wrotenbery Director **Oil Conservation Division**

×31

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|---|
| ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| 5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| Sunnyside Compressor Station
Unit E, Sec. 9, T33N, R9W
La Plata County, Colorado
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR): |
| ~ 5 cy stained soil from si
1304 | lop tank leak (used compressur
oils) |
| I, <u>MONICE D. Olson</u>
Print Name | representative for : |
| ConocoPhillips Company
Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield waste NON-EXEMP
analysis or b | T oilfield waste which is non-hazardous by characteristic y product identification |
| and that nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| For NON-EXEMPT waste the following documentation is attached (cho
MSDS InformationOther
WRCRA Hazardous Waste Analysis
Chain of Custody | eck appropriate items):
r (description |
| This waste is in compliance with Regulated Levels of Naturally Occu
NMAC 3.1 subpart 1403.C and D. | arring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): MMile D. OLAM | |
| ritle: <u>HSE & Regulatory Technician</u> | |
| Date: $7 - 21 - 03$ | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.einnrd.state.nm.us



July 23, 2003

Project No. 96052-041

Colorado Department of Public Health and Environment Attn: Donna Stoner 222 South 6th Street, Room 232 Grand Junction, Colorado 81501

Phone (970) 248-7168 Fax (970) 248-7198

RE: ACCEPTANCE OF USED COMPRESSOR OIL STAINED SOIL FROM A SLOP TANK LEAK AT THE SUNNYSIDE COMPRESSOR STATION, LA PLATA COUNTY, COLORADO

Dear Ms. Stoner:

Envirotech has been approached to accept used compressor oil stained soil resulting from a slop tank leak at ConocoPhillips' Sunnyside Compressor Station located in Unit E, Section 9, Township 33 North, Range 9 West, La Plata County, Colorado.

We have reviewed the TCLP Trace Metals analysis for this soil and found that there do not appear to be any hazardous constituents exceeding standards established for our soil remediation facility. We are providing courtesy notification before we proceed with accepting the material at our soil remediation facility.

Should you have any questions or require any additional information, please do not hesitate to contact me at (505) 632-0615.

Sincerely,

ENVIROTECH INC.

Landrea Jackson Environmental Administrative Assistant ljackson@envirotech-inc.com

CC: Denny Foust, NMOCD

LRJ/office/correspondence/Lany Jackson/072203 Stoner.doc

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026 | | |
|-------------------------------|--|--|-----------|--|--|
| Sample ID: | Production Tank Pit | Date Reported: | 07-16-03 | | |
| Lab ID#: | 26095 | Date Sampled: | 07-15-03 | | |
| Sample Matrix: | Soil | Date Received: | 07-16-03 | | |
| Preservative: | Cool | Date Analyzed: | 07-16-03 | | |
| Condition: | Cool and Intact | Chain of Custody: | 11149 | | |
| Devenden | Decult | | | | |
| Parameter | Result | | | | |
| · | | | | | |
| IGNITABILITY: | Negative | | | | |
| CORROSIVITY: | Negative | pH = 8.11 | | | |
| REACTIVITY: | Negative | | | | |
| RCRA Hazardous Waste Criteria | | | | | |
| Parameter | Hazardous Waste Criterion | | | | |
| IGNITABILITY: | | fined by 40 CFR, Subpart C, Sec. 261.21.
ontact with flame or flash point < 60° C.) | | | |
| CORROSIVITY: | • | fined by 40 CFR, Subpart C, Sec. 261.22.
or pH greater than or equal to 12.5) | | | |
| | (i.e. pricess than or equal to 2.0 c | in pringreater than or equal to 12.5 y | | | |
| 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 | | | | |
| | | at STP with pH between 2.0 and 12.5) | | | |
| Reference: | 40 CFR part 261 Subpart C section | ons 261.21 - 261.23, July 1, 1992. | | | |
| Comments: | Sunnyside CPD. | | | | |

ρ (a) Analyst

<u>Anistini m Walters</u> Review

FAVIROTECH LABS

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|---------------------|------------------|---------------------|
| Sample ID: | Production Tank Pit | Date Reported: | 07-17-03 |
| Laboratory Number: | 26095 | Date Sampled: | 07-15-03 |
| Chain of Custody: | 11149 | Date Received: | 07-16-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 07-17-03 |
| Preservative: | Cool | Date Extracted: | 07-16-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |
| | Concentration | Det.
Limit | Regulatory
Level |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| | | | |
| Arsenic | ND | 0.001 | 5.0 |
| Barium | 0.276 | 0.001 | 100 |
| Cadmium | ND | 0.001 | 1.0 |
| Chromium | ND | 0.001 | 5.0 |

| 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 | 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: | Sunnyside CPD. |

Analyst

<u>I histine n'i Daltes</u> Review



EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | N/A | | Project #: | | | N/A |
|-----------------------------------|---------------------|-----------------|--------------------|------------------|-----------|-----------------|---------------------|
| Sample ID: | | 07-17-TCN | I QA/QC | Date Repo | | | 07-17-03 |
| Laboratory Number: | | 26080 | | Date Sam | pled: | | N/A |
| Sample Matrix: | | TCLP Extra | act | Date Rece | eived: | | N/A |
| Analysis Requested: | | TCLP Meta | ls | Date Analy | yzed: | (| 07-17-03 |
| Condition: | | N/A | | Date Extra | icted: | (| 07-16-03 |
| 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 | 0.630 | 0.632 | 0.3% | 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 | ND | ND | 0.0% | 0% - 30% |
| Mercury | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Selenium | ND | ND | 0.001 | NÐ | ND | 0.0% | 0% - 30% |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Spike
Conc. (mg/L) | | Spike
Added | Sample | Spiked
Sample | | | Acceptance
Range |
| Arsenic | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120% |
| Barium | | 0.500 | 0.630 | 1.110 | 98.2% | | 80% - 120% |
| Cadmium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% |
| Chromium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 12 0% |
| Lead | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% |
| Mercury | | 0.050 | ND | 0.050 | 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 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 26080, 26095.

Analyst

Sector <u>u ni</u>

CHAIN OF CUSTODY RECORD 11149

| Client / Project Name
Cancer Fullings
Sampler:
Client No.
Project Location
ANALYSIS / PARAMET
Client No. | rERS
Rema | | | |
|--|--------------------|----------|----------|-----|
| Sampler: | | | | |
| Sampler: | Rema | | | |
| | | irks | _ | |
| Sampler: Client No. Sample Sample No./ Sample Sample Lab Number Sample | | | | |
| Sample No./ Sample Sample Lab Number | | | | ~ |
| Identification Date Time Matrix | | | | |
| Rod Tank Pit 7/15/03 15:00 26095 Soil 1 44 | | | | |
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| Relinquished by (Signature) | Dat | e | Tin | ne |
| Complete Some TELINE 7/16/03 06:40 Alen P. Comment | - 7/161 | İ.R | 06 | :4(|
| Relinquished by: (Signature) | //0/ | | <u> </u> | |
| | | | | |
| Relinquished by: (Signature) Received by: (Signature) | | | | |
| | | | | |
| ENVIROTECH INC. | Sample Rec | eipt | | |
| | | Y | N | N/ |
| 5796 U.S. Highway 64 | Received Intact | | | |
| Farmington, New Mexico 87401
(505) 632-0615 | ool - Ice/Blue Ice | <u> </u> | | |

| District II State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 RECEIVED nergy Minerals and Natural Resource 1301 W. Grand Avenue, Artesia, NM 88210 JUL 3 1 2003 District III JUL 3 1 2003 1000 Rio Brazos Road, Azec, NM 87410 Oil Conservation Division 1220 S. St. Francis Dr., Senta Fe, NN 6115 Conservation Division Santa Fe, NM 87505 | Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|
| REQUEST FOR APPROVAL TO ACCEP | ESOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🔯 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Sunnyside
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: Colorado |
| 7. Location of Material (Street Address or ULSTR) "E" Sec 9, T33N, R9W, La Plata County | Project #96052-041 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste cl approved All transporters must certify the wastes delivered are only those consigned for transport | ecessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be |

Used compressor oil stained soil from slop tank leak.

CWS, notification to CDPHE, and analytical attached.

| Estimated Volume <u>13</u> cy Known Volume (to be entered by the operator at the end of the haul) | _ <u>C</u> cy | |
|--|------------------|-----------------------|
| SIGNATURE Hundred R ALSO TITLE: Environmental Administrative | Assistant | DATE: <u>07/23/03</u> |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | 501£70 |
| (This space for State Use)
APPROVED BY: Demy Pount TITLE: Enviro/Engl
APPROVED BY: Marty 9 24. TITLE: Environmental Galagist | _ DATE:
DATE: | 7/24/03
2/31/03 |

| ن ۲ | 19 20 21 22 33 A | | | |
|---|---|--|--|--|
| 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 87505State of New Mexico
Energy Minerals and Natural Resou
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 ACCEP | T SOLID WASTE | | | |
| 1. RCRA Exempt: Non-Exempt:
Verbal Approval Received: Yes No 🛛 | Generator: Conoco Phillips Originating Site: Lower Yard | | | |
| 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) 5525 Highway 64,
Farmington, NM 87401 | Project #96052-039 | | | |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by m material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: | necessary chemical analysis to PROVE the
classified hazardous by listing or testing will be | | | |
| Soil stained with spilled oil from hydraulic pumps.
CWS and analytical attached. | | | | |
| *CWS is dated 7/11/03 but was originally classified as exempt; analysis was not received | d until July 23, 2003. | | | |
| Estimated Volume <u>5.5</u> cy Known Volume (to be entered by the operator at the end | of the haul)cy | | | |
| SIGNATURE Waste Management Recility Authorized Agent TITLE: Environmental
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | Administrative Assistant DATE: 07/23/03 | | | |
| | · | | | |
| (This space for State Use) APPROVED BY: Demp Demp Demp TITLE: APPROVED BY: TITLE: | /Engr DATE: 7/24/03
DATE: | | | |

*



46052-039 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Date:

Lori Wrotenbery Director **Oil Conservation Division**

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|--|--|
| | Envirotech Inc. Soil Remediation Facility |
| ConocoPhillips Company | Landfarm #2 |
| 5525 Highway 64 | |
| Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Originating Site (name):
Lower Yard - ConocoPhillips
5523 Hwy - 64
Farmington, NM 87401
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR): |
| 4. Source and Description of Waste
Soil Stained w/ spilled oil fro | on hydraulic pumps |
| 51/2 cubic yards | |
| I. Monica D. Olson
Print Name | representative for : |
| ConocoPhillips Company | |
| Conservation and Recovery Act (RCRA) and Environmental Protect
described waste is: (Check appropriate classification) | |
| EXEMPT oilfield waste V NON-EXEM
analysis of | MPT oilfield waste which is non-hazardous by characteristic
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
MSDS InformationO
CRCRA Hazardous Waste Analysis
Chain of Custody | (check appropriate items):
Other (description |
| This waste is in compliance with Regulated Levels of Naturally O
NMAC 3.1 subpart 1403.C and D. | occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): MMULA D. OLAM | |
| Title: <u>HSE & Regulatory Technician</u> | |
| Date: 7-11-03 | |



EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

5.0

| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|------------------|------------------|-------------|
| Sample ID: | Lower Yard Pumps | Date Reported: | 07-22-03 |
| Laboratory Number: | 26128 | Date Sampled: | 07-17-03 |
| Chain of Custody: | 11161 | Date Received: | 07-21-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 07-22-03 |
| Preservative: | Cool | Date Extracted: | 07-21-03 |
| 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 | 0.618 | 0.001 | 100 |
| Cadmium | · ND | 0.001 | 1.0 |
| Chromium | 0.126 | 0.001 | 5.0 |
| Lead | 0.094 | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | ND | 0.001 | 1.0 |

ND - Parameter not detected at the stated detection limit.

ND

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.

0.001

Methods 6010B Analysis of Metals by Inductively Coupled Plasma-Atomic Emission SW-846, USEPA. December 1996.

Note:

Silver

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

Comments:

COPC Lower Yard.

Analyst

<u>hilistine</u> mileters Review

ENVIROTECHLABS

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | N/A | | Project #: | | | N/A | |
|-----------------------------------|---------------------|-----------------|-----------|------------------|---------------------|-----------------|---------------------|--|
| Sample ID: | | 07-22-TCM | QA/QC | ,
Date Rep | | | 07-22-03 | |
| Laboratory Number: | | 26117 | | Date Sam | | | N/A | |
| Sample Matrix: | | Water | | Date Rec | • | | N/A | |
| Analysis Requested: | | TCLP Metals | 6 | Date Anal | lvzed: | | 07-22-03 | |
| Condition: | | N/A | | Date Extra | | | N/A | |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank | Method
Blank | Detection | Sample | Duplicate | %
Difference | Acceptance
Range | |
| Arsenic | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 0.984 | 0.982 | 0.2% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.003 | 0.003 | 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 | 0.001 | 0.001 | 0.0% | 0% - 30% | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Spike
Conc /(mg/L) | | Spike
Added | | Spiked
Sample | Percent
Recovery | 16 - 大田昭和 220 - | Acceptance
Range | |
| Arsenic | | 0.500 | 0.002 | 0.501 | 99.8% | | 80% - 120% | |
| Barium | | 0.500 | 0.984 | 1.48 | 99.7% | | 80% - 120% | |
| Cadmium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% | |
| Chromium | | 0.500 | 0.003 | 0.502 | 99.8% | | 80% - 120% | |
| Lead | | 0.500 | 0.001 | 0.500 | 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% | |
| | | | | | | | | |

ND - Parameter not detected at the stated detection limit.

0.500

QA/QC for samples 26117, 26128.

ND

References:

Silver

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

0.499

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:

Analyst

Review

99.8%

80% - 120%

FOUROTECH ABS

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026 |
|----------------------------|--------------------------|---|-----------|
| Sample ID: | Lower Yard Pumps | Date Reported: | 07-22-03 |
| Lab ID#: | 26128 | Date Sampled: | 07-17-03 |
| Sample Matrix: | Soil | Date Received: | 07-21-03 |
| Preservative: | Cool | Date Analyzed: | 07-22-03 |
| Condition: | Cool and Intact | Chain of Custody: | 11161 |
| | · | | |
| Parameter | Result | | |
| GNITABILITY: | Negative | | |
| CORROSIVITY: | Negative | pH = 7.61 | |
| REACTIVITY: | Negative | | |
| RCRA Hazardous Waste Crite | ria : | | |
| Parameter | Hazardous Waste Cr | iterion | |
| IGNITABILITY: | | ability as defined by 40 CFR, Subpart C, Sec.
upon direct contact with flame or flash point < 6 | |
| CORROSIVITY: | | rosivity as defined by 40 CFR, Subpart C, Sec.
equal to 2.0 or pH greater than or equal to 12.5 | |
| REACTIVITY: | (i.e. Violent reaction v | ctivity as defined by 40 CFR, Subpart C, Sec. 2
with water, strong base, strong acid, or the gen
anide gases at STP with pH between 2.0 and 1 | eration |
| Reference: | 40 CFR part 261 Sub | part C sections 261.21 - 261.23, July 1, 1992. | |
| | | | |

Comments:

COPC Lower Yard.

n Walters Analyst

Řeview

CHAIN OF CUSTODY RECORD

| Client / Project Name | <u></u> | | Project Location | | | | | | | A N | | | METERS | | | | |
|-------------------------------|----------------|----------------|------------------|-----------|-----------------------|--------------------------|----------------------|--------------|--|-----|--------------------------------|----------|--------|--------------|----------|----------|-------|
| ConocoPhillips | | | COPC LOU | ier ya | urd | | | | | AN | ALT SI | 5 / FARA | | 5 | | | |
| Sampler: | ~ | | Client No. | | | - | S | ST | | | - | | | Rem | narks | | |
| Bobby Grival | Lja | | 96052- | 026 | | | No. of
Containers | 0 p | | | | | - | | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | | Cont | TCLP. | RCI | | | | | | | | |
| Lower Yard Pumps | | | 26128 | So.1 | manx | |
{. | / | 1 | | | | | | | | |
| <u>_</u> | | | -214 LA LO | | · · · | | | | | | | | | | | | |
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| Relinquished by: (Signatur | | <u></u> | | Date | Time | | ped by: | (Signati | ure) | | | <u> </u> | | Da | ate | Tir | me |
| | yan | | | 7-21-03 | 8:50am | | L | <u> </u> | <u>_ </u> | - Q | $\underline{\dot{\mathbf{u}}}$ | res | | 7.21 | -05 | P: | 50 |
| Relinquished by: (Signatur | re) | | | | | Recei | ved by: | (Signati | ure) | | l | | | | | | |
| Relinquished by: (Signatu | re) | | | | | Received by: (Signature) | | | | | | | | | | | |
| | | | | | | <u> </u> | | •
 | | | | | | | | | |
| | | | | ENV | 'IRO | TE(| CH | | C | | | | | Sample Re | eceipt | | |
| | | | | | | | | | | | | | | | Y | N | N/A |
| | | | | ہ
Farm | 5796 U.S
ington, N | i. Higi
Iew N | hway
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) 8740 |)1 | | | | Rece | ived Intact | 2 | - | |
| | | | | • | (505) | 632- | 0615 | | • | | | | Cool - | Ice/Blue Ice | - | | |

11161

| District II RECEIVED State of New Mexico 1301 W. Grand Avenue, Artesia, NM 88219 Energy Minerals and Natural Resourt 1301 W. Grand Avenue, Artesia, NM 88219 2 1 2003 District III Oil Conservation Division Oil Conservation Division 1000 R.io Brazos Road, Aziec, NM 8741 Oil Conservation Division District IV Oil Conservation Division 2003 S. St. Francis Dr., Santa Fe, NM 87505 | Submit Onining] | | | | | |
|---|--|--|--|--|--|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE | | | | | |
| 1. RCRA Exempt: \Box Non-Exempt: $\boxtimes \overset{Verbar}{\underset{J' \not\cong 7}{\overset{Verbar}{16}}$ | 4. Generator: El Paso Field Services | | | | | |
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Chaco 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) SW/4 of Section 16, T26N, R12W, San Juan County | Project #97057-085 | | | | | |
| R12W, San Juan County 9. <u>Circle One</u>: 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 stained with used lubricating oil. CWS and Analytical Attached Wewew Meeticed Meeticed Meeticed Meeticed Meeticed Meeticed Meeticed Meeticed | | | | | | |
| Estimated Volume 600 cy Known Volume (to be entered by the operator at the end of | of the haul)cy | | | | | |
| SIGNATURE Management Facility Authorized Agent TITLE: Environmental | <u>Administrative Assistant</u> DATE: <u>07/14/03</u>
ب | | | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | 072105-5 | | | | | |
| (This space for State Use)
APPROVED BY: Demptern TITLE: Envirol E
APPROVED BY: Martin Sty. TITLE: Environmental | DATE: 7/16/03
Geologist DATE: 7/21/03 | | | | | |

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|--|--|--|--|--|--|--|
| <u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
[*] 1301 W. Grand Avenue, Artesia, NM 88210 | State of New Mexico
Energy Minerals and Natural Resou | Form C-138
Revised March 17, 1999 | | | | |
| District III
1000 Rio Brazos Road, Aztec, NM 87410 | Oil Conservation Division | Submit Original | | | | |
| District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505 | 1220 South St. Francis Dr. | Plus 1 Copy
to Appropriate | | | | |
| 1220 S. St. Handis DL, Sana I C, 1491 87505 | Santa Fe, NM 87505 | District Office | | | | |
| REQUEST FO | R APPROVAL TO ACCEP | T SOLID WASTE | | | | |
| 1. RCRA Exempt: 🗍 Non-Exempt: [| 4. Generator: El Paso Field Services | | | | | |
| Verbal Approval Received: Yes | No 🖾 | 5. Originating Site: Chaco Plant | | | | |
| 2. Management Facility Destination: Envir
Landfarm #2 | otech Soil Remediation Facility, | 6. Transporter: TBA | | | | |
| 3. Address of Facility Operator: 5796 U.S
87401 | . Highway 64, Farmington, NM | 8. State: New Mexico | | | | |
| 7. Location of Material (Street Address or U
R12W, San Juan County | LSTR) SW/4 of Section 16, T26N, | Project #97057-085 | | | | |
| 9. <u>Circle One</u> : | | · · · · · · · · | | | | |
| one certificate per job.
B. All requests for approval to accept non- | exempt wastes must be accompanied by n | v a certification of waste from the Generator;
ecessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be | | | | |
| All transporters must certify the wastes de | livered are only those consigned for trans | port. | | | | |
| BRIEF DESCRIPTION OF MATERIAL: | | | | | | |
| Soil stained with used lubricating oil. | ₽. | JUL 2003
ON CONSDIV.
ON CONSDIV.
DISTIS | | | | |
| Estimated Volume 600_cy Known Volume | (to be entered by the operator at the end o | f the haul)cy | | | | |
| SIGNATURE Jandruk R. Jack
Waste Management Facility Authorized | | Administrative Assistant DATE: 07/14/03 | | | | |
| TYPE OR PRINT NAME: Landrea Jackson | TELEPHONE NO: (505) 632-0615 | | | | | |
| (This space for State Use)
APPROVED BY: Demy Lew TITLE: En M/Eng DATE: 7/16/03
APPROVED BY: | | | | | | |

CERTIFICATE OF WASTE STATUS

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, • •

| 1. Generator Name and Address: | 2 Destination Manual | | | | |
|---|---|--|--|--|--|
| 1. Generator Name and Address: | 2. DestInation Name: | | | | |
| El Paso Field Services Co. | Envirotech Soil Remediation Facility | | | | |
| 614 Reilly Avenue | Landfarm #2 | | | | |
| Farmington, NM 87401 | Hilltop, New Mcxico | | | | |
| 3. Originating Site (name): | Location of Waste (Street address &/or ULSTR): | | | | |
| Chaco Plant | SW/4 of Section 16, T26N, R12W, San Juan Co., NM | | | | |
| Allert list of polarity a site and any weight | | | | | |
| Attach list of originating sites as appropriate
4. Source and Description of Waste | | | | | |
| | | | | | |
| Soil stained with used lubricating oil | | | | | |
| | | | | | |
| | | | | | |
| | r | | | | |
| I, David Bays | representative for: | | | | |
| (Print Name) | | | | | |
| El Dana Field Samiana | | | | | |
| El Paso Field Services | <u>CO.</u> do hereby certify that,
very Act (RCRA) and Environmental Protection Agency's July, | | | | |
| 1988 regulatory determination, the above described | | | | | |
| Ν | ION-EXEMPT oilfield waste which is non-hazardous by | | | | |
| | haracteristic analysis or by product identification | | | | |
| | | | | | |
| and that nothing has been added to the exempt or n | ion-hazardous waste defined above. | | | | |
| | | | | | |
| For NON-EXEMPT waste only, the following docum | entation is attached (check appropriate items): | | | | |
| MSDS Information | Other (description) | | | | |
| RCRA Hazardous Waste Analysi | 5 | | | | |
| Chain of Custody | | | | | |
| | | | | | |
| Name (Original Signature): | I Barn | | | | |
| | | | | | |
| Title: Principal En | vironmental Scientist | | | | |
| Data | | | | | |
| Date: July 14, 200 | 3 | | | | |
| | | | | | |

ENVIROTECHABS

RRACTICAL SOLUTIONS FOR A BETTER TOMOBROW

TRACE METAL ANALYSIS

| Client: | EPFS | Project #: | 97057-085 | |
|--------------------|------------------|------------------|-------------|--|
| Sample ID: | Composite Sample | Date Reported: | 07-09-03 | |
| Laboratory Number: | 26054 | Date Sampled: | 07-08-03 | |
| Chain of Custody: | 11098 | Date Received: | 07-08-03 | |
| Sample Matrix: | Soil | Date Analyzed: | 07-09-03 | |
| Preservative: | Cool | Date Digested: | 07-09-03 | |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals | |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) |
|-----------|--------------------------|--------------------------|-------------------------------------|
| Arsenic | ND | 0.001 | 5.0 |
| Barium | 8.55 | 0.001 | 100 |
| Cadmium | ND | 0:001 | |
| Chromium | 1.18 | 0.001 | 5.0 |
| Lead | 0.922 | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | ND | 0.001 | 1.0 |
| Silver | NĎ | 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:

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Chaco Plant.

Analyst

Mistine Malters Review

ENVIROTECP LABS

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project #: | | | N/A |
|---------------------|---------------------------|-----------|------------------|------------|------------|------------|---------------------|
| Sample ID: | | 07-09-TM | QA/QC | Date Repo | orted: | | 07-09-03 |
| Laboratory Number: | | 26054 | | Date Samp | oled: | | N/A |
| Sample Matrix: | | Soil | | Date Rece | ived: | | N/A |
| Analysis Requested: | • | Total RCR | A Metals | Date Analy | /zed: | | 07-09-03 |
| Condition: | | N/A | | Date Diges | sted: | | 07-09-03 |
| | | | | | | | |
| | Instrument
Ilank (mg/L | | Detecti
Limit | | Duplicate | %
Diff. | Acceptance
Range |
| Arsenic | ND | , ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 8.55 | 8.53 | 0.2% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 1.18 | 1.17 | 0.8% | 0% - 30% |
| Lead | ND | ND | 0.001 | 0.922 | 。
0.920 | 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 | ŃĎ | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| | | | | ······ | | | |
| Spike | | Spike | Sampl | | Percent | | Acceptance |
| Conc. (mg/Kg) | | Added | | Sample | Recovery | | Range |
| Arsenic | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120% |
| Barium | | 0.500 | 8.55 | 9.04 | 99.9% | | 80% - 120% |
| Cadmium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% |
| Chromium | | 0.500 | 1.18 | 1.66 | 98.8% | | 80% - 120% |
| Lead | | 0.500 | 0.922 | 1.41 | 99.2% | | 80% - 120% |
| Mercury | : | 0.050 | ND | 0.050 | 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:

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QA/QC for sample 26054.

Ånalyst

Mistin Mulaeters Review

CHAIN OF CUSTODY RECORD

Project Location

Client / Project Name

| F CUS | TOD | Y REC | | RD | | | 11098 | |
|---------------------------|----------------------|-----------------|---|--------|----------|--------|---------|---|
| ent | | | Å | NALYSI | S / PAR/ | AMETER | RS | - |
| - 085
Sample
Matrix | No. of
Containers | RCQ A
Metels | | | | | Remarks | |
| Gail | 1 | | | | | | | |

| EPFS | | | checo P | jen | . - | | | | | Α | NALYSI | S / PAR/ | AMETER | 7S | | |
|-------------------------------|----------------|----------------|---------------------|----------------|------------------------|------------|----------------------|-----------------|--------------|----------|--------|----------|---------|-------------|----------------|----------|
| Sampler:
ŁÇ | | | Client No.
97057 | 7-0 | 85 | | No. of
Containers | ۹
۹ | | | | | | | Remarks | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | | Cont | RCQ A
Metels | | | | | · · · · | | | <u> </u> |
| Composite Sample | 7/8/03 | 10:00 | 26054 | 50 | 21 | | 1 | | r
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| Relinquished by (Signatu | re) | | | Date
7 8 03 | Time | Rece | wed by: | Signat | u/e) (| ta- | 3- | | · | <u> </u> | Date
7/8/03 | Time |
| Relinquished by: (Signatu | re) | | | 101- | | Rece | ived by: | (Signat | ure) | | | | | | -18/05 | 11.10 |
| Relinquished by: (Signatu | ire) | | | | - | Rece | ived by: | (Signat | ure) | | | | | | | |
| | | | | Env | | | | | | | | | 1 | Sam | ple Receipt | |
| | | | | | <u>'IRO</u> | | | | | | | | | | | N N/A |
| | | | | | 5796 U.S
lington, N | | | | | | | - | Re | ceived Inta | | |
| | | | | 1 aiiii | (505) | | | 0/40 | , , , | | | | Cool | - Ice/Blue | ice V | |

| District II
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 882JUL 2 2005
District III
District III
District III
Oil Concernation Division | R CEIVED Form C-138 rces JUL 1 8 2003 Revised March 17, 1999 OIL CONSERVATION Submit Original DIVISION Plus 1 Copy to Appropriate District Office |
|--|---|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: INon-Exempt: X 9777/16/03
Verbal Approval Received: Yes X No X | Generator: Double Tank Originating Site: Double Tank Yard |
| 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) 3601 North 1 st Street,
Bloomfield | Project #01046-003 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste chapproved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: Oil stained soil from various locations in yard. <i>at request of Chapter Bunkruptcy Trustee</i> CWS, Analytical, & NORMS attached. | ecessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be
port. |
| Estimated Volume 10 cy Known Volume (to be entered by the operator at the end of | The haul) |
| SIGNATURE Management Facklity Authorized Agent TITLE: Environmental | Administrative Assistant DATE: 07/11/03 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | |
| (This space for State Use) | |
| APPROVED BY: New Count TITLE: Enviro/ En | DATE: 7/6/03_
6000000000000000000000000000000000000 |

| <u>District I</u> i625 N. French Dr., Hobbs, NM 88249 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico
Energy Minerals and Natural Reso
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 FO | OR APPROVAL TO ACCEI | PT SOLID WASTE | | | | |
| 1. RCRA Exempt: Non-Exempt:
Verbal Approval Received: Yes | Generator: Double Tank Originating Site: Double Tank Yard | | | | | |
| 2. Management Facility Destination: Envi
Landfarm #2 | rotech Soil Remediation Facility, | 6. Transporter: Envirotech | | | | |
| 3. Address of Facility Operator: 5796 U.S
87401 | 5. Highway 64, Farmington, NM | 8. State: New Mexico | | | | |
| 7. Location of Material (Street Address or U
Bloomfield | JLSTR) 3601 North 1 st Street, | Project #01046-003 | | | | |
| 9. <u>Circle One</u>: 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: Oil stained soil from various locations in yard. at vequest of Chapter Seven Ban K vuptcy Trustee CWS, Analytical, & NORMS attached. | | | | | | |
| SIGNATURE Jandreck R. Jack
Waste Management FacNity Authorized | I Agent | Administrative Assistant DATE: 07/11/03 | | | | |
| TYPE OR PRINT NAME: Landrea Jackson
(This space for State Use)
APPROVED BY
APPROVED BY | TITLE En 2 100
TITLE | <u>/Engu</u>
DATE: <u>7/16/03</u>
DATE: | | | | |

×5



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oll Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|--|
| Double Tank | Envirotech Inc. Soil Remediation Facility |
| 3601 N. 1 st Street | Landfarm #2 |
| Bloomfield, New Mexico 87413 | Hilltop, New Mexico |
| | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Double Tank | |
| 3601 N. 1 st Street | ~ |
| Bloomfield, New Mexico 87413 | |
| attach list of originating sites as appropriate
4. Source and Description of Waste | |
| 4. Source and Description of waste | |
| Oil stained soil from various locations in y | yard. |
| Richard I. Parmley, Jr., Chapter
Print Name | 7 Trustee representative for : |
| Print Name | • •••* |
| Double Tank, Inc. | de harshu gestifu that generating to the Descence Comments in the |
| | do hereby certify that, according to the Resource Conservation and |
| Parmery Act (BCDA) and Environmental Destantion Aca | nev's hity JOXX regnisionvidetermination the above described meets in |
| | ncy's July, 1988, regulatory determination, the above described waste is: |
| Recovery Act (RCRA) and Environmental Protection Age
(Check appropriate classification) | ncy's July, 1988, regulatory determination, the above described waste is: |
| (Check appropriate classification) | |
| Check appropriate classification) | ncy's July, 1988, regulatory determination, the above described waste is:
NON-BXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification |
| (Check appropriate classification)EXEMPT oilfield waste | NON-BXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification |
| (Check appropriate classification)EXEMPT oilfield waste | NON-BXEMPT oilfield waste which is non-hazardous by characteristic analysis or by product identification |
| (Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-exe
For NON-EXEMPT waste the following documentation is | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above. |
| Check appropriate classification)EXEMPT oilfield waste XXX and that nothing has been added to the exempt or non-exempt or n | NON-BXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above. |
| Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-exe
for NON-EXEMPT waste the following documentation is
MSDS Information
XXRCRA Hazardous Waste Analysis | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above. |
| (Check appropriate classification)EXEMPT oilfield waste XXX and that nothing has been added to the exempt or non-exer
For NON-EXEMPT waste the following documentation is
MSDS Information | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above. |
| Check appropriate classification) EXEMPT oilfield waste and that nothing has been added to the exempt or non-exempt for NON-EXEMPT waste the following documentation is MSDS Information XXRCRA Hazardous Waste Analysis XXChain of Custody | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above. |
| Check appropriate classification) EXEMPT oilfield waste XXX and that nothing has been added to the exempt or non-exe For NON-EXEMPT waste the following documentation is MSDS Information XXRCRA Hazardous Waste Analysis XXChain of Custody | NON-BXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
Other (description |
| Check appropriate classification) EXEMPT oilfield waste and that nothing has been added to the exempt or non-exer For NON-EXEMPT waste the following documentation is MSDS Information. XXRCRA Hazardous Waste Analysis XXChain of Custody This waste is in compliance with Regulated Levels of Na MAC 3.1 subpart 1403.C and D. | NON-BXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
Other (description |
| Check appropriate classification) EXEMPT oilfield waste and that nothing has been added to the exempt or non-exemptor For NON-EXEMPT waste the following documentation is MSDS Information. XXRCRA Hazardous Waste Analysis XXChain of Custody This waste is in compliance with Regulated Levels of National Science (MAC 3.1 subpart 1403.C and D. | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
Other (description
aturally Occurring Radioactive Material (NORM) pursuant to 20 |
| (Check appropriate classification)
EXEMPT oilfield waste XXX
and that nothing has been added to the exempt or non-exe
For NON-EXEMPT waste the following documentation is
 | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
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| Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-exect
For NON-EXEMPT waste the following documentation is
MSDS Information.
XXRCRA Hazardous Waste Analysis
XXChain of Custody
This waste is in compliance with Regulated Levels of National Signature):
Name (Original Signature):
Chapter 7. Trustee | NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
Other (description
aturally Occurring Radioactive Material (NORM) pursuant to 20 |
| Check appropriate classification) EXEMPT oilfield waste and that nothing has been added to the exempt or non-exect For NON-EXEMPT waste the following documentation is MSDS Information. XXRCRA Hazardous Waste Analysis XXChain of Custody This waste is in compliance with Regulated Levels of National Signature): Mane (Original Signature): Chapter 7 Trustee | NON-BXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
mpt non -hazardous waste defined above.
s attached (check appropriate items):
Other (description |

457

Envirotech Labs

PRACTICAL SOLUTIONS FOR A BETTERNOMORROW

TRACE METAL ANALYSIS

| Client: | Cardin & Parmley | Project #: | 01046-003 |
|--------------------|------------------|------------------|-------------|
| Sample ID: | 1 - S | Date Reported: | 07-03-03 |
| Laboratory Number: | 26028 | Date Sampled: | 06-30-03 |
| Chain of Custody: | 11088 | Date Received: | 07-02-03 |
| Sample Matrix: | Soil | Date Analyzed: | 07-03-03 |
| Preservative: | Cool | Date Digested: | 07-02-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) | | |
|-----------|--------------------------|--------------------------|-------------------------------------|--|--|
| Arsenic | 0.016 | 0.001 | 5.0 | | |
| Barium | 7.17 | 0.001 | 100 | | |
| Cadmium | 0.087 | 0.001 | 1.0 | | |
| Chromium | 4.33 | 0.001 | 5.0 | | |
| Lead | 4.12 | 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:

Double Tank Yard.

Analyst

Mistine Marters Review

- NVIROTEC: ALABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| | | | | | | ····· | | | |
|---------------------|---------------------------------------|----------------|-----------------------|--|--|------------|---------------------|--|--|
| Client: | | QA/QC | QA/QC | | | N/A | | | |
| Sample ID: | | 07-03-TM QA/QC | | Project #:
Date Rep | | | 07-03-03 | | |
| Laboratory Number: | | 26028 | | | npled: | N/A | | | |
| Sample Matrix: | | Soil | | Date Rec | • | | N/A | | |
| Analysis Requested: | | Total RCR | A Metals | Date Ana | | | 07-03-03 | | |
| Condition: | | N/A | | Date Digested: | | | 07-02-03 | | |
| | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | an second and the second second second second second second second second second second second second second s | daamadaa ay ahaa ahaa ahaa ahaa ahaa ahaa ah | | | | |
| | instrument
Ilank (mg/L | | Detection
Limit | n Sample | Duplicate | %
Diff. | Acceptance
Range | | |
| Arsenic | ND | ND | 0.001 | 0.016 | 0.016 | 0.0% | 0% - 30% | | |
| Barium | ND | ND | 0.001 | 7.17 | 7.15 | 0.3% | 0% - 30% | | |
| Cadmium | ND | ND | 0.001 | 0.087 | 0.086 | 1.1% | 0% - 30% | | |
| Chromium | ND | ND | 0.001 | 4.33 | 4.34 | 0.2% | 0% - 30% | | |
| Lead | ND | ND | 0.001 | 4.12 | 4.11 | 0.2% | 0% - 30% | | |
| Mercury | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | | |
| Selenium | ND | ND | 0.001 | 0.009 | 0.009 | 0.0% | 0% - 30% | | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | | |
| Spike | | Spike | Sample | Spiked | Percent | | Acceptance | | |
| Conc. (mg/L) | | Added | and the second second | Sample | | | Range | | |
| Arsenic | | 0.500 | 0.016 | 0.515 | 99.8% | | 80% - 120% | | |
| Barium | | 0.500 | 7.17 | 7.65 | 99.7% | 80% - 120% | | | |
| Cadmium | | 0.500 | 0.087 | 0.585 | 99.7% | 80% - 120% | | | |
| Chromium | | 0.500 | 4.33 | 4.82 | 99.8% | | 80% - 120% | | |
| Lead | | 0.500 | 4.12 | 4.60 | 99.6% | 80% - 120% | | | |
| Mercury | | 0.050 | ND | 0.050 | 0.050 100.0% | | 80% - 120% | | |
| Selenium | | 0.500 | 0.009 | 0.508 | 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 sample 26028.

Analyst

<u>'Mistine' Mullers</u> Review

ENVIRO ECI:LABS

PRACTICAL SOLUTIONS FOR A BEITTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | Cardin & Parmley | Project #: | 01046-003 | | | |
|-------------------------------|--|--|-----------|--|--|--|
| Sample ID: | 1-S | Date Reported: | 07-02-03 | | | |
| Lab ID#: | 26028 | Date Sampled: | 06-30-03 | | | |
| Sample Matrix: | Soil | Date Received: | 07-02-03 | | | |
| Preservative: | Cool | Date Analyzed: | 07-02-03 | | | |
| Condition: | Cool and Intact | Chain of Custody: | 11088 | | | |
| | | | | | | |
| Parameter | Result | | | | | |
| IGNITABILITY: | Negative | | | | | |
| CORROSIVITY: | Negative | pH = 7.03 | | | | |
| 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 | 2. | | | |
| Comments: | Double Tank Yard. | | | | | |
| | | | | | | |

Analyst

<u>hristine</u> <u>Matles</u> Review

CHAIN OF CUSTODY RECORD

11088

| Client / Project Name | Project Location | | | | ANALYSIS / PARAMETERS | | | | | | | | | | |
|---|------------------|---------------------------------------|------------------------|----------|-----------------------|--------------|-----------------------------|------------------|----------|----------|--------|--------------|-----------|----------|---|
| CARDIN & PARMLEY | Doubl | Client No. | | | | | | | | | | | | | |
| Sampler: | Client No. | Client No. | | | ST ST | | | | | | Remark | s | | | |
| MORRIS D. Young | 010 | 46-003 | · | No. of | Containers | MER | 1 | | | | | | | | |
| Sample No./ Sample Sa | Lab Nu | Imber | Sample | z | Со
Со | RCRA | R | | | | | | | | |
| Identification Date T | ime | | Matrix | | | | | / | | | | | · · · . | | |
| 1-5 06-30-03 19 | 4:25 260 | 28 500 | : L | | İ | \checkmark | | | | ļ | | | | | |
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| | | | | | | | | | | | | | <u>_</u> | | _ |
| Relinquished by: (Signature) | | Date | Time | Received | by: (| Signatu | B 1 | $\sum_{i=1}^{n}$ | | | | | Date | Tir | |
| Morrie Q. Yourg
Relinquished by: (Signature) | | 07-02-0 | | jale | <u> </u> | | \underline{C} | -j. | <u> </u> | | | | 2-03 | af | <u>, </u> |
| Helinquished by: (Bignature) | | | | Received | by: (| Signatui | re) | • | | | | | | | |
| Relinquished by: (Signature) | | | | Received | bv: (| Sionatu | re) | | | | | | | | |
| | | | | | -, | | -7 | | | | | | | | |
| | | EOV | | | | | ~ | ···· • | | | | Sample | Receipt | <u> </u> | [|
| | | | IROT | | | | | | | | | · · · · · | | | |
| | | | 706 11 9 | | | | ⁶ 4 ⁶ | | | | | | Y | N | N/A |
| | | | 5796 U.S.
ngton, Ne | | | | | | | | Rece | ived Intact | 1 | | |
| | | 1 4/11 | | 632-061 | | 57701 | | | | | Cool - | Ice/Blue Ice | C | | |

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-01

Owner: Double Tank

Location: Yard

γ.

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil at NW Corner of Southern Building

Comments:

Survey Conducted by: Gary W. Howe

Janu Nare (Stenature)

301 South Frontier Bloomfield, NM 87413 Phone -- (505) 632-3633 Cell - (505) 330-0614 Fax - (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-02

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil inside Southern Building

Comments:

Survey Conducted by: Gary W. Howe Daught Hove (Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-03

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Drum of Used Oil inside Southern Building

Comments:

Survey Conducted by: Gary W. Howe

Journ How

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-04

Owner: Double Tank

Location: Yard

΄.

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Sand Blast Sand at NW Corner of Southern Building

Comments:

Survey Conducted by: Gary W. Howe

.

Jan Work (Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-10

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Used Oil at SW corner of NW Building

Comments:

Survey Conducted by: Gary W. Howe

Jan WHave (Signature)

YES

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-09

Owner: Double Tank

Location: Yard

.

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

-. 0'

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil in NW Building

Comments:

Survey Conducted by: Gary W. Howe

(Signature)

.

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-11

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

...

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Used Oil W of NW Building

Comments:

Survey Conducted by: Gary W. Howe

Sary W Hand Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-12

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil on Concrete Slab Centered Between the Three Buildings

Comments:

Survey Conducted by: Gary W. Howe

Jany Ware (Signature)

| Bistrict II Environmental Bureau Oil Conservation Division District IV District IV Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico State of New Mexico State of New Mexico Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 | ICEIVED
Form C-1
Form C-1
Form C-1
Revised March 17, 19
OIL CONSERVATION
DIVISION
Submit Origin
Plus 1 Cc
to Appropri
District Off |
|---|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOL ID WASTE |
| | 4. Generator: Double Tank |
| 1. RCRA Exempt: Non-Exempt: X 77163 | |
| Verbal Approval Received: Yes 🔀 'No 🛛 | 5. Originating Site: Double Tank Yard |
| 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) 3601 North 1 st Street,
Bloomfield | Project #01046-003 |
| All transporters must certify the wastes delivered are only those consigned for trans
BRIEF DESCRIPTION OF MATERIAL:
Tank bottom coating material. a trequest of Chapter Seven
Bankruptcy Trustee
CWS, Analytical, & NORMS attached. | JUL 2003
OR CONS. DIV.
OR CONS. DIV. |
| Estimated Volumecy Known Volume (to be entered by the operator at the entered by the entered by the operator at the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered by the entered b | |
| Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | Administrative Assistant DATE: 07/11/ |

.

| • |
|---|
| 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 |
| |

490

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: ☐ Non-Exempt: ⊠ 2/16/03
Verbal Approval Received: Yes ⊠ No ⊠ | 4. Generator: Double Tank | | |
|--|---------------------------------------|--|--|
| Verbal Approval Received: Yes 🖾 🗸 No 🖂 | 5. Originating Site: Double Tank Yard | | |
| 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) 3601 North 1 st Street,
Bloomfield | Project #01046-003 | | |

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:

Tank bottom coating material. at request of Chapter Seven Bankruptcy Trustee

CWS, Analytical, & NORMS attached.



Estimated Volume _____cy

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

TITLE: Environmental Administrative Assistant DATE: 07/11/03 SIGNATURE Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| 는 것은 것은 이상 가장 전체에 가장 방법에 있는 것은 것이 있는 것은 것이 있는 것은 것은 것은 것은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는 것이 있는
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| (This space for State Use) |
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| APPROVED BY DATE: |
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p.2 2

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

| BILL RICHARDSON |
|------------------------|
| Govergar |
| Joanna Prukop |
| Cabinet Secretary |

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Lori Wrotenbery Director **Oll Conservation Division**

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|--|--|
| Double Tank | Envirotech Inc. Soil Remediation Facility |
| 3601 N. 1 st Street | Landfarm #2 |
| Bloomfield, New Mexico 87413 | Hilltop, New Mexico |
| Diodifficial, INCW MEALCO 87415 | Hintop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Double Tank | |
| 3601 N. 1 st Street | |
| | |
| Bloomfield, New Mexico 87413 | |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| Tente Dettern Orating Material | |
| Tank Bottom Coating Material. | |
| | |
| 1. Richard Starmley Chapter 7 Tr | s the representative for : |
| Print Name | topicsentarive for , |
| 1 m l 1 4450 | |
| Double Tank do hereby | certify that, according to the Resource Conservation and |
| Recovery Act (RCRA) and Environmental Protection Agency's July, 198 | Remilatory determination the above decayibed want is |
| (Check appropriate classification) | a, regulatory determination, the above described waste is; |
| | |
| EXEMPT oilfield waste XXXNON-EXEM | PT oilfield waste which is non-hazardous by characteristic |
| | y product identification |
| allalysis of D | y product incatingation |
| and that nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above |
| | |
| For NON-EXEMPT waste the following documentation is attached (cho | ack appropriate items). |
| | r (description |
| XXRCRA Hazardous Waste Analysis | |
| | |
| XXChain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occu | irring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| A Miller Miller | |
| Name (Original Signature): | |
| This Care Dia Thistop | |
| Title: <u>Chapler 1 1 Miscel</u> | |
| Phone Number: 327-0496 | |
| | |
| Date: 7-14-03 | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emard.state.nm.us

ENVIROTECH. LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | Cardin & Parmley | Project #: | 01046-003 |
|-------------------------------|--|-------------------|-----------|
| Sample ID: | 1- | Date Reported: | 07-01-03 |
| Lab ID#: | 26002 | Date Sampled: | 06-25-03 |
| Sample Matrix: | Solid | Date Received: | 06-26-03 |
| Preservative: | Cool | Date Analyzed: | 06-27-03 |
| Condition: | Cool and Intact | Chain of Custody: | 11076 |
| Parameter | Result | | |
| IGNITABILITY: | Negative | | |
| | - | | |
| CORROSIVITY: | Negative | рН = 5.00 | |
| 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: | Double Tank, Yard. | | |

Mistine M Walters Analyst

m Review

Envirotechelabs

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

| Client: | Cardin & Parmley | Project #: | 01046-003 |
|---|--------------------------------|---------------------|----------------------------------|
| Sample ID: | 1- | Date Reported: | 07-01-03 |
| Laboratory Number:
Chain of Custody:
Sample Matrix: | 26002
11076
TCLP Extract | Date Sampled: | 06-25-03
06-26-03
06-27-03 |
| | | Date Received: | |
| | | Date Extracted: | |
| Preservative: | Cool | Date Analyzed: | 06-30-03 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |
| | | Detection | Regulatory |
| | Concentration | Limit | Limits |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | - | | 0.7 |
| 2-Butanone (MEK) | • | | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | 0.0022 | 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 |
| | | | |

ND - Parameter not detected at the stated detection limit.

1,4-Dichlorobenzene

| QA/QC Acceptance Criteria | | Parameter | Percent Recovery | | |
|---------------------------|---|--|------------------------|--|--|
| | | Fluorobenzene | 100% | | |
| | | 1,4-difluorobenzene | 100% | | |
| ,
 | | 4-bromochlorobenzene | 100% | | |
| References: | Method 1311, Toxicity C | haracteristic Leaching Procedure, SW-8 | 346, 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: | Doule Tank, Yard. | | | | |

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Mistine Masters Review

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Envirotechelabs

PRACTICAL SOLUTIONS FOR A BETTER TOMORHOW.

EPA METHOD 8040 PHENOLS

| Olivert | | | |
|--------------------|------------------|---------------------|-----------|
| Client: | Cardin & Parmley | Project #: | 01046-003 |
| Sample ID: | 1- | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | Date Sampled: | 06-25-03 |
| Chain:of Custody: | 11076 | Date Received: | 06-26-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 06-27-03 |
| Preservative: | Cool | Date Analyzed: | 07-01-03 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

| Parameter | Concentration
(mg/L) | Detection
Limit
(mg/L) | Regulatory
Limit
(mg/L) |
|-----------------------|-------------------------|------------------------------|-------------------------------|
| | | | , <u></u> |
| 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 | |
|--|--------------|--|-----------------------------------|--|
| - <i>i</i> | | 2-Fluorophenol | 99% | |
| | | 2,4,6-Tribromophenol | 99% | |
| References: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Waste, SW-846, USEPA, July 1992. | | est Methods for Evaluating Solid | | |
| | |), Separatory Funnel Liquid-Liquid Extraction, ∃
346, USEPA, July 1992. | Fest Methods for Evaluating Solid | |
| | Method 8040 |), Phenols, Test Methods for Evaluating Solid V | Naste, SW-846, USEPA, Sept. 1986. | |
| Note: | Regulatory L | tory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992. | | |
| | Double Ta | | | |

-t. up Analyst

<u>Mistini Mulaeteus</u> Review Review

ENVIROTECHPLABS

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

| Client: | Cardin & Parmley | Project #: | 01046-003 |
|--------------------|------------------|---------------------|-----------|
| Sample ID: | 1- | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | Date Sampled: | 06-25-03 |
| Chain of Custody: | 11076 | Date Received: | 06-26-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 06-27-03 |
| Preservative: | Cool | Date Analyzed: | 07-01-03 |
| 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: | • | Characteristic Leaching Procedure, S
ory Funnel Liquid-Liquid Extraction, S | |
| | | matics and Cyclic Ketones, SW-846, | |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C sec | tion 261.24. July 1. 1992. |

Comments: Double Tank, Yard.

Analyst

<u>Review</u>

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EnvirotechPLABS

PRACTICAL SOLUTIONS FOR A EFIMERMOMORIOW.

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

| Client: | Cardin & Parmley | Project #: | 01046-003 |
|--------------------|------------------|------------------|-------------|
| Sample ID: | 1- | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | Date Sampled: | 06-25-03 |
| Chain of Custody: | 11076 | Date Received: | 06-26-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 07-01-03 |
| Preservative: | Cool | Date Extracted: | 06-27-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| Parameter | Concentration | Det.
Limit | Regulatory
Level |
|-----------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Arsenic | 0.009 | 0.001 | 5.0 |
| Barium | 4.27 | 0.001 | 100 |
| Cadmium | 0.001 | 0.001 | 1.0 |
| Chromium | ND | 0.001 | 5.0 |
| Lead | ND | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | 0.002 | 0.001 | 1.0 |
| Silver | ND | 0.001 | 5.0 |

ND - Parameter not detected at the stated detection limit.

Analyst

| 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: | Double Tank, Yard. |
| Analyst | April (Misterin Walters |

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

Review



QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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PRACTICAL SOLUTIONS FOR AMELINER TOMORROW.

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

| Client: | QA/QC | Project #: | N/A |
|----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 07-01-03 |
| Laboratory Number: | 06-30-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 06-30-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| | | Detection | Regulatory |
| | Concentration | Limit | Limits |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 |
| 2-Butanone (MEK) | ND | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | ND | 0.0001 | 0.5 |
| 1,2-Dichloroethane | ND | 0.0001 | 0.5 |
| Trichloroethene | ND | 0.0003 | 0.5 |
| Tetrachloroethene | ND | 0.0005 | 0.7 |
| 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 C | haracteristic Leaching Procedure, SW-8 | 346, USEPA, July 1992. |
| • | Method 5030, Purge-and | d-Trap, SW-846, USEPA, July 1992. | |
| | Method 8010, Halogena | ted Volatile Organic, SW-846, USEPA, S | Sept. 1994. |
| | Method 8020, Aromatic | Volatile Organics, SW-846, USEPA, Sep | ot. 1994. |
| Note: | Regulatory Limits based | on 40 CFR part 261 Subpart C section | 261.24, July 1, 1992. |

Comments:

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PRACTICAL SOLUTIONS FOR A BEIMERITOMORBOW

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 07-01-03 |
| Laboratory Number: | 06-27-TCV | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 06-30-03 |
| Condition: | N/A | Date Extracted: | 06-27-03 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

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

Analyst

Mistine m Walters Review

ENVIROTECHILABS

PRACTICAL SOLUTIONS FOR A BETMER TOMORROW

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

| Client: | QA/QC | | Project #: | N/A |
|----------------------|---------------|-----------|-----------------|------------|
| Sample ID: | Matrix Duplic | ate | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extrac | t | Date Received: | N/A |
| Analysis Requested: | TCLP | | Date Analyzed: | 06-30-03 |
| Condition: | N/A | | Date Extracted: | 06-27-03 |
| | | Duplicate | | |
| | Sample | Sample | Detection | |
| | Result | Result | Limits | Percent |
| Parameter | (mg/L) | (mg/L) | (mg/L) | Difference |
| Vinyl Chloride | ND | ND | 0.0001 | 0.0% |
| 1,1-Dichloroethene | NÐ | ŇD | 0.0001 | 0.0% |
| 2-Butanone (MEK) | 0.0290 | 0.0290 | 0.0001 | 0.0% |
| Chloroform | ND | ND | 0.0001 | 0.0% |
| Carbon Tetrachloride | ND | ND | 0.0001 | 0.0% |
| Benzene | 0.0022 | 0.0022 | 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:

Analyst

M Watters Review

FNVIROTECHPLABS

PRACTICAL SOLUTIONS FOR A BENTER TOMORROW

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

| Client: | QA/QC | Project #: | N/A |
|---------------------|--------------|-----------------|----------|
| Sample ID: | Matrix Spike | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Analysis Requested: | TCLP | Date Analyzed: | 06-30-03 |
| Condition: | N/A | Date Extracted: | 06-27-03 |

| 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 | 0.0495 | 0.0001 | 99.0% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 98.8% | 43-143 |
| 2-Butanone (MEK) | 0.0290 | 0.050 | 0.0788 | 0.0001 | 99.7% | 47-132 |
| Chloroform | ND | 0.050 | 0.0500 | 0.0001 | 99.9% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 43-143 |
| Benzene | 0.0022 | 0.050 | 0.0520 | 0.0001 | 99.6% | 39-150 |
| 1,2-Dichloroethane | · ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99.0% | 26-162 |
| Chlorobenzene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99.0% | 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

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ENVIROTECHPLABS

PRACTICAL SOLUTIONS FOR A BETTIERTOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

| Client: | QA/QC | Project #: | N/A |
|-----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 07-01-03 |
| Laboratory Number: | 07-01-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 07-01-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| Analytical Results | | Detection | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND | 0.020 | 2.0 |
| 2,4,5-Trichlorophenol | ND | 0.020 | 400 |
| Pentachlorophenol | ND | 0.020 | 100 |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | | Parameter | Percent Recove | ry | |
|-----------------------|---|---|-------------------------------------|------------|--|
| | | 2-fluorophenol | 98 | % | |
| | | 2,4,6-tribromophenol | 99 | % | |
| References: | erences: Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evalu
Waste, SW-846, USEPA, July 1992. | | | | |
| | | 10, Separatory Funnel Liquid-Liquid Extr
-846, USEPA, July 1992. | action, Test Methods for Evaluating | g Solid | |
| | Method 804 | 0, Phenols, Test Methods for Evaluating | g Solid Waste, SW-846, USEPA, S | ept. 1986. | |
| Note: | Regulatory | Limits based on 40 CFR part 261 subpa | rt C section 261.24, July 1, 1992. | | |
| Comments: | QA/QC fo | or sample 26002. | | | |

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ENVIROTECH. LABS

PRACTICAL SOLUTIONS FOR A DETITIER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|---------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 07-01-03 |
| Laboratory Number: | 06-27-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-27-03 |
| Condition: | Cool & Intact | Date Analyzed: | 07-01-03 |
| · | | 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.

l

| Surrogate Reco | overies: | Parameter | Percent Recovery | |
|----------------|---------------|--|-----------------------------------|--|
| | | 2-Fluorophenol
2,4,6-Tribromophenol | 99%
99% | |
| References: | | Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992. | | |
| | | Separatory Funnel Liquid-Liquid Extraction,
46, USEPA, July 1992. | Test Methods for Evaluating Solid | |
| | Method 8040, | Phenols, Test Methods for Evaluating Solid | Waste, SW-846, USEPA, Sept. 1986 | |
| Note: | Regulatory Li | mits based on 40 CFR part 261 subpart C se | action 261.24, July 1, 1992. | |
| Comments: | QA/QC for | sample 26002. | | |

Analyst

/ Review

ENVIROTECHPLABS

IPRACTICAL SOLUTIONS FOR A BETAER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Matrix Duplicate | Date Reported: | 07-01-03 |
| Laboratory Number: | 26002 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-27-03 |
| Condition: | Cool & Intact | Date Analyzed: | 07-01-03 |
| | | 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 Accep | otance Criteria: | Parameter | Maximum Difference | | | |
|-------------|---|--|--------------------------------|--|--|--|
| | | 8040 Compounds | 30.0% | | | |
| References: | Method 1311, Toxicity C
Waste, SW-846, USEPA | haracteristic Leaching Procedure Test
, July 1992. | Methods for Evaluating Solid | | | |
| : | Method 3510, Separator
Waste, SW-846, USEPA | y Funnel Liquid-Liquid Extraction, Test
, July 1992. | Methods for Evaluating Solid | | | |
| | Method 8040, Phenols, | Fest Methods for Evaluating Solid Wast | te, SW-846, USEPA, Sept. 1986. | | | |
| Note: | Regulatory Limits based | Regulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992. | | | | |
| Comments: | QA/QC for sample | 26002. | | | | |
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LAVIROTECH. LABS

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

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| Client: | QA/QC | Project #: | N/A | |
|---------------------|------------------|---------------------|------------|--|
| Sample ID: | Laboratory Blank | Date Reported: | 07-01-03 | |
| Laboratory Number: | 07-01-TBN | Date Sampled: | N/A | |
| Sample Matrix: | Hexane | Date Received: | N/A | |
| Preservative: | N/A | Date Extracted: | N/A | |
| Condition: | N/A | Date Analyzed: | 07-01-03 | |
| | | Analysis Requested: | TCLP | |
| | | Det. | Regulatory | |
| | Concentration | Limit | Limit | |
| Parameter | (mg/L) | (mg/L) | (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 | |

0.020

0.020

ND - Parameter not detected at the stated detection limit.

| QA/QC Accep | tance Criteria | Parameter | Percent Recovery |
|-------------|------------------------|--|-----------------------------|
| | | 2-fluorobiphenyl | 100% |
| References: | | Characteristic Leaching Procedure, S | • |
| | • | ory Funnel Liquid-Liquid Extraction, S
matics and Cyclic Ketones, SW-846, | |
| Note: | Regulatory Limits base | ed on 40 CFR part 261 Subpart C sec | ction 261.24, July 1, 1992. |

Comments:

2,4-Dinitrotoluene

HexachloroBenzene

QA/QC for sample 26002.

ND

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ENVIROTECH. LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORBOW

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

| Client: | QA/QC | Project #: | N/A |
|----------------------------------|-----------------|---------------------|------------|
| Sample ID: | Method Blank | Date Reported: | 07-01-03 |
| Laboratory Number: | 06-27-TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-27-03 |
| Condition: | Cool and Intact | Date Analyzed: | 07-01-03 |
| | | Analysis Requested: | TCLP |
| | | Det. | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| | | | |
| Pyridíne | ND | 0.020 | 5.0 |
| Pyridine
Hexachloroethane | ND
ND | 0.020
0.020 | 5.0
3.0 |
| • | | | |
| Hexachloroethane | ND | 0.020 | 3.0 |
| Hexachloroethane
Nitrobenzene | ND
ND | 0.020
0.020 | 3.0
2.0 |

ND - Parameter not detected at the stated detection limit.

| | | 2-fluorobiphenyl | 96% |
|-------------|------------------------|---|------------------------|
| References: | Method 1311, Toxicity | Characteristic Leaching Procedure, SW- | 346, USEPA, July 1992. |
| | Method 3510, Separat | ory Funnel Liquid-Liquid Extraction, SW-8 | 346, USEPA, July 1992. |
| : | Method 8090, Nitroaro | matics and Cyclic Ketones, SW-846, USE | EPA, Sept. 1986. |
| Note: | Regulatory Limits base | ed on 40 CFR part 261 Subpart C section | 261.24, July 1, 1992. |

Comments:

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PRACTICAL SOLUTIONS FOR A BETTLER TOMORROW

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

| · · | | | | | |
|---------------------|------------------|-----------------|----------------|----------|--|
| Client: | nt: QA/QC | | | N/A | |
| Sample ID: | Matrix Duplicate | Date Reported: | Date Reported: | | |
| Laboratory Number: | 26002 | Date Sampled: | | N/A | |
| Sample Matrix: | TCLP Extract | Date Received: | | N/A | |
| Preservative: | N/A | Date Extracted: | | 06-27-03 | |
| Condition: | N/A | Date Analyzed: | | 07-01-03 | |
| | | Analysis Reque | sted: | TCLP | |
| | Sample | Duplicate | | Det. | |
| | Result | Result | Percent | Limit | |
| Parameter | (mg/L) | (mg/L) | Difference | (mg/L) | |
| Pyridine | ND | ND | 0.0% | 0.020 | |
| Hexachloroethane | ND | ND | 0.0% | 0.020 | |
| Nitrobenzene | ND | ND | 0.0% | 0.020 | |
| Hexachlorobutadiene | ND | ND | 0.0% | 0.020 | |
| 2,4-Dinitrotoluene | ND | ND | 0.0% | 0.020 | |
| 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, SV | N-846, USEPA, July 1992. |
| | Method 3510, Separat | ory Funnel Liquid-Liquid Extraction, SV | V-846, USEPA, July 1992. |
| | Method 8090, Nitroaro | matics and Cyclic Ketones, SW-846, L | ISEPA, Sept. 1986. |
| Note: | Regulatory Limits base | ed on 40 CFR part 261 Subpart C secti | on 261.24, July 1, 1992. |

QA/QC for sample 26002. Comments:

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PRACTICAL SOLUTIONS FOR ANEFMER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS **Quality Assurance Report**

| Client: | | N/A | | Project #: | | | N/A |
|-----------------------------------|--|-----------------|-------------------|-----------------|-------------|-------------------|---------------------|
| Sample ID: | | 07-01-TCM QA/G | | Date Rep | orted: | | 07-01-03 |
| Laboratory Number: | | 26002 | | Date Sampled: | | | N/A |
| Sample Matrix: | | TCLP Extract | | Date Received: | | | N/A |
| Analysis Requested: | TCLP Metals | | als | Date Analyzed: | | | 07-01-03 |
| Condition: | | N/A | | Date Extracted: | | | 06-27-03 |
| | 1- | NAME OF COMPANY | Datastia | <u> </u> | | · | |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank | Method
Blank | Detectio
Limit | ne statistica. | e Duplicato | e %
Difference | Acceptance
Range |
| Arsenic | ND | ND | 0.001 | 0.009 | 0.009 | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 4.27 | 4.29 | 0.5% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.001 | 0.001 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Lead | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| Mercury | ND | ND | 0.001 | | | 0% - 30% | |

0.002

Sample

ND

0.002

Percent

Recovery

ND

0.0%

0.0%

0% - 30%

0% - 30%

Acceptance.

Range

Spike Spiked Sample Spike Conc. (mg/L) Added

ND

ND

0.001

0.001

ND

ND

| Arsenic | 0.500 | 0.009 | 0.508 | 99.8% | 80% - 120% |
|----------|-------|-------|-------|--------|------------|
| Barium | 0.500 | 4.27 | 4.76 | 99.8% | 80% - 120% |
| Cadmium | 0.500 | 0.001 | 0.501 | 100.0% | 80% - 120% |
| Chromium | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
| Lead | 0.500 | ND | 0.498 | 99.6% | 80% - 120% |
| Mercury | 0.050 | ND | 0.050 | 100.0% | 80% - 120% |
| Selenium | 0.500 | 0.002 | 0.501 | 99.8% | 80% - 120% |
| Silver | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |

ND - Parameter not detected at the stated detection limit.

References:

Selenium

Silver

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:

Analyst

hristen Mulaeters

CHAIN OF CUSTODY RECORD

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| Client / Project Name | | | Project Location | | | - L | 1 | ANALYS | S / PARA | METER | | | | |
|-------------------------------|----------------|----------------|------------------|------------------------------------|----------------------|--------------|------|--------|----------|--------|--------------|---------------|--------------|-----|
| CARDIN & Par | mleff | | Double TAN | K. YARD | | es
S | | | | | | | | |
| Sampler: | ĊIJ. | | Cheft NO. | | S | 0 5 | | | | | F | emarks | | |
| MORRIS D | . You'NI | 6 | 01046. | - 003 | No. of
ontaine | L C L
Her | | | | Ī | | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | No. of
Containers | TELD | | | | | | | | |
| 10 | 06-25-03 | 16:40 | 26002 | Solid | 1 | | | | | | | | | |
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17-1 | ne |
| Relinquished by: (Sigkat | UTP) | | C | 06-26-03 17:05 V | fived by: | (Signatu | ire) | 02 | · | | 1 | 4(05 | <u>[++</u>] | |
| Relinquished by: (Signat | ture) | | | Rece | eived by: | (Signatu | re) | | · | | | | | |
| | | | | | | | | | | | | | | |
| | | | | ENVIROTE | CH | | Ĵ. | | | | Sample | Receipt | | |
| | | | | | | | | | : | | | Y | N | N/A |
| | | | | 5796 U.S. Hig
Farmington, New I | Mexico | | 1 | | 1 | Rece | eived Intact | | | |
| | | | | (505) 632 | -0615 | | | | | Cool - | Ice/Blue Ice | | | (|

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-05

Owner: Double Tank

Location: Yard

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Sludge in Open Top Metal Pit

Comments:

Survey Conducted by: Gary W. Howe

(Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-08

Owner: Double Tank

Location: Yard

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Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Barrel of Sludge W of Open Top Metal Pit

Comments:

Survey Conducted by: Gary W. Howe (Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-06

Owner: Double Tank

Location: Yard

• •

Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.08 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil Around Open Top Metal Pit

Comments:

Survey Conducted by: Gary W. Howe

<u>Janyw</u> Hone (Signature)

301 South Frontier Bloomfield, NM 87413 Phone – (505) 632-3633 Cell – (505) 330-0614 Fax – (505) 632-2359

NORM SURVEY DATA SHEET

Survey Number: 7-10-03-07

Owner: Double Tank

Location: Yard

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Date: July 10, 2003

Meter Model: Wm B Johnson & Assoc Inc - GSM-110 - Serial Number: 8535

Detector Model: Wm B Johnson & Assoc Inc - GP-200 - Serial Number 4454

Battery Test: (YES)

Background Radiation Level: 0.07 mR/hr

Actual Readings: 0.07 mR/hr

Equipment information:

Manufacturer:

Serial Number:

Description: Stained Soil Pile SW of Open Top Metal Pit

Comments:

Survey Conducted by: Gary W. Howe (Signature)

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

2003

-UEIVED DONS. DIV Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Natco |
|--|----------------------------|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Yard |
| 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) 2855 Southside River
Road, Farmington | Project #97018-001 |

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:

Contaminated dirt and sludge from various locations generated during the cleaning of oil and gas production equipment at Natco's yard.

Location list, CWS, and NORMS attached.

Estimated Volume <u>12 bbl</u> cy Known Volume (to be entered by the operator at the end of the haul)

Known Volume (to be entered by the operator at the end of the naul) <u>1</u>

TITLE: Environmental Administrative Assistant SIGNATURE DATE: 07/11/03 Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|---------------|
| APPROVED BY: Henry ten | TITLE: Enviro/Engr | DATE: 7/16/03 |
| APPROVED BY: | TITLE: geologist | DATE: 1-16-5 |
| | | , |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Jeanna Prukop Cabinet Secretary

Lori Wrotenbery Director **Oil Conservation Division**

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CERTIFICATE OF WASTE STATUS

| 3. Generator Name and Address | 2. Destination Name: |
|---|--|
| Natco | Envirotech Inc. Soil Remediation Facility |
| 2855 Southside River Rd | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Solid generated during the cl | eaning of oil and gas production equipment |
| at Natco's yard. | |
| | |
| attach list of originating sites as appropriate
4. Source and Description of Waste | |
| Contaminated dirt and aludge | from various locations see attached list. |
| Concempliated atta mid press | |
| | |
| | |
| | |
| | |
| TI TAL | |
| 1. Jeffrey J Martinez | representative for : |
| Print Name | |
| National Tank Co. Formington M. | do hereby certify that, according to the Resource |
| National Tank Co. Farmington, NM | al Protection Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| described waste is: (Coeck appropriate classification) | |
| XXX EXEMPT oilfield wasteN | ON-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-exer | apt non-hazardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is | s attached (check appropriate items): |
| MSDS Information | Other (description |
| RCRA Hazardons Weste Analysis | · · |
| Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of No | aturally Occurring Radioactive Material (NORM) parsuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| ALL OWN | the second secon |
| Name (Original Signature): | |
| ma Sall Ack | |
| Title: Dafty MEST, | |
| Date: 7.10-03 | |
| | |
| · 建卡 · · | |
| | 1000 Rio Brazos Road * Aztec, New Mexico 87410 |
| UI Conservation Division | Fax (505) 334-6170 http://www.emntd.state.mm.ns |
| Phone (505) 554-01/6 + | |
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| 70 [2] | 02/11/2003 08:01 FAX 2023271481 NATCO |
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Sheet1

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| | WASTE SOLIDS | · · · · · | |
|---------------------------------------|---------------------------------------|------------|--------------|
| COMPANY | LOCATION | JOB NUMBER | |
| Burlinston | 28-6#209 | 73035867 | - IBBL |
| Burlinston | 27-5#54MV | 73036/32 | ZBBL |
| | 28-6#205 | 73036134 | ZBBL |
| Burlinghon | 127-4420 | 73036135 | JBBL |
| Barlington | Floranc=DH14 | 7303 5998 | 1/3BBL |
| Markuest | Fullerton Ful 11-23 | 73035981 | 1/2032 |
| | JIC Main Satelati | 13036264 | IBAL |
| BCSKRUIPTS | APache #124 | 73036272 | 10BL
DBBL |
| BC Servites | Price Com #4 | 73036475 | BISL |
| Black Hills | Price (OM FT | | |
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| INSPECTION FOR NOR M. CONTAMINATION
Jack Aller lack Date: 7-11-83
del: Lucilium 3-98 Last calibrated: 10-25-02
1-53-callen with kinster
indicated: Unknown (Equipment on wish lack)
13.5 uRhr
a: <u>11.5</u> uRhr (corrected for background)
a: <u>9.0</u> uRhr (corrected for background) |
|--|
| del: <u>Luchum 3-98</u> Last calibrated: <u>D-25-02</u>
<u>Last calibrated: D-25-02</u>
<u>Last calibrated: <u>D-25-02</u>
<u>Last calibrated: <u>Makasum deum with kinste</u>
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| del: <u>Luchum 3-98</u> Last calibrated: <u>D-25-02</u>
<u>Last calibrated: D-25-02</u>
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| originated: <u>Unknown</u> (Equipment on wish Rack)
<u>13.5</u> uRthr
g: <u>11.5</u> uRthr (corrected for background) |
| originated: <u>Unknown (Equipment on wash Rack</u>)
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| fso, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
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| I top + 4 sides of the tanel |
| ta) finds of Norm are low |
| to be disposed of. |
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| INSPECTION FOR N.O.R.M. CONTAMINATION | |
| Location: Jates June Collack Rack Dale: 7-11-03 | |
| Survey instrument model: Lucilium 3-98 Last calibrated: 10-25-02 | |
| Hen description: 1-53 gallon of Rum with wrister | |
| Number of pieces: | |
| Location where items originated: Unknown (Equipment on wash lack) | |
| Background reading: 13.5 uR/hr | |
| Highest NORM reading: 10.0 uR/hr (corrected for background) | |
| Lowest NORM reading: 7-5 uR/hr (corrected for background) | |
| Any samples taken? If so, how many? | |
| Pieces inspected. | |
| Pieces found to be free of NORM contamination. | |
| Pieces found to have NORM contamination. | |
| Remarks: Tasted top + 4 Sides of the backel
(M. S. E. + W) - Jenels of Morin are low
enough to be disposed of. | |
| Inspector; Jesse Manzanakes. | |
| What is final disposition levels of Morm are are to be disposed o | Ŧ. |
| Released to: Them it may loncer Date: 7-11-03. | |

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| | <u>NATCO</u> |
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| L | acation: <u>Jates</u> Jacob Collect. Reck Date: <u>7-11-83</u> |
| 5 | urvey instrument model: Ludlum 3-98 Last calibrated: 10-25-02 |
| 11 | en description: 1-53-gallon deun with kinste |
| N | umber of pieces: |
| • <u>L</u> e | ocation where items originated: Unknown (Equipment on which Rack) |
| B | ackground reading: 13.5 uR/hr |
| H | ighest NORM reading:uR/hr (corrected for background) |
| | owest NORM reading: <u>7.0</u> uR/hr (corrected for background) |
| A | ny samples taken? If so, how many? |
| _ | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| _ | Pieces found to have NORM contamination. |
| Re | emarks: Tested top + 4 Sides of the tappel
(M, S, E + W) Jenels of Norm are ba-
enough to be disposed of. |
| Ins | spector. Jesse Manzanaces. |
| W | hat is final disposition? Levels of Marm race. de to be disposed |
| Re | leased to: Jekem it may lancent Date: 7-11-03. |

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| | INSPECTION FOR NORM CONTAMINATION |
| L | ocation: Jack Jack Collect lack Date: 7-11-03 |
| | urvey instrument model: Lucilium 3-78 Last calibrated: 10-25-02 |
| ١t | endescription: 1-55 gallon deun with unste |
| | |
| | umber of pieces: |
| | reation where items originated: Unknown (Equipment on wash lack) |
| Ð | ackground reading: 13.5 uR/hr |
| H | ighest NORM reading: //. 0 uR/hr (corrected for background) |
| La | owest NORM reading: B.S. uR/hr (corrected for background) |
| Ar | ny samples taken? If so, how many? |
| _ | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| | Pieces found to have NORM contamination. |
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| Re | emarks: Tasted top + 4 sides of the tastel |
| | (M, S, E + av), Jende at Norm are low |
| | enough to be disposed of. |
| Ins | spector Jesse Marizance Les |
| M | nat is final disposition? Levels of Morm are are to be disposed |
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| | INSPECTION FOR N.O.R.M. CONTAMINATION | |
|----------|--|---|
| Locat | tion: Jaten's Jand Alack Rick Date: 7-11-03 | |
| Surve | ey instrument model: <u>Lucilium 3-78</u> Last calibrated: <u>10-25-02</u> | |
| ltern o | description: 1-53 gallon drum with knote. | |
| Numh | ber of pieces; | |
| | ion where items originated: Unknown (Equipment on wash Rack) | |
| Backg | ground reading: 13.5 uR/hr | |
| Highe | est NORM reading: 10-5 uR/hr (corrected for background) | |
| Lowe | st NORM reading: uR/hr (corrected for background) | |
| Any s | amples taken? If so, how many? | |
| ~ | Pieces inspected. | |
| | Pieces found to be free of NORM contamination. | |
| | Pieces found to have NORM contamination. | |
| Rema | inks: Fasted top + 4 sides of the barrel | |
| | (N.S.E.J.W) Jeach at Norm are bar
enough to be disposed at . | |
| Inspec | clor: Jesse Manzanales. | |
| | is final disposition? Jevels of Morn are de la be disposed | Л |

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| Λ | INSPECTION FOR N.O.R.M. CONTAMINATION |
| Atea | Jaal (Mark Rick) Date: <u>7-11-03</u>
det: <u>Lucilium 3-78</u> Last calibrated: <u>10-25-02</u> |
| ient mo | del: <u>Ludlum 3-98</u> Last calibrated: <u>10-25-02</u> |
| 'm: | -55 pallon drom with waste |
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| ces: | |
| e items | originated: Unknown (Equipment on wash Rack) |
| | <u>13.5</u> uR/hr |
| 1 reading | g:uR/hr (corrected for background) |
| l reading | g: _ 7.5 uR/hr (corrected for background) |
| aken? I | If so, how many? |
| 1 | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| | Pieces found to have NORM contamination. |
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| este | |
| S.E. | + w). Jences of form ale low |
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| <u>, 55</u> C. | Manzanaces. |
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| | INSPECTION FOR N.O.R.M. CONTAMINATION |
| Loca | ation: Anteric Jacob allect lack Date: 7-11-03 |
| Surv | vey instrument model; Lucilium 3-98 Last calibrated: 10-25-02 |
| | description: 1-53 gallen deum with houster |
| | |
| Nurr | nber of pieces: |
| Loca | ation where items originated: Unknown (Equipment on unsh Rack) |
| Back | kground reading: <u>13.5</u> uR/hr |
| High | nest NORM reading: <u>9-0</u> uR/hr (corrected for background) |
| Low | est NORM reading: 7-5 uR/hr (corrected for background) |
| • | samples taken? If so, how many? |
| | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| | Pieces found to have NORM contamination. |
| Rem | arks: Fasted top + 4 sides of the tappel |
| | (M.S.E. + W). Jends at Norm are bon
enough to be dispued of. |
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| Inspe | ector Jesse Manzanaces. |
| What | is final disposition Terrels of Morn are de to be disposed |
| | ased to: Jehren it may lance Rom Date: 7-11-03. |

| | <u>NATCO</u> |
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| Λ | INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: | is Jacob Collack Ruck Date: 7-11-03 |
| Survey instrument m | nodel: Lullum 3-78 Last calibrated: 10-25-02 |
| llem description: | 1-55 galler deve with waste |
| | |
| Number of pieces: | |
| Location where items | songinated: Unknown (Equipment on wash Rack) |
| Background reading: | 13.5 uR/hr |
| Highest NORM reading | ing: 10-0 uR/hr (corrected for background) |
| Lowest NORM readin | ng: <u>B</u> uRVhr (corrected for background) |
| Any samples taken? | If so, how many? |
| | Pieces inspected. |
| / | Pieces found to be free of NORM contamination. |
| 0 | Pieces found to have NORM contamination. |
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| Remarks: Tasta | I top to 4 sides of the bassel |
| Al S, F | to be disposed of. |
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| Inspector: Jesse. | Manzanales. |
| What is final disposition | on Jevels of Mann are de to be disposed |
| | emit may lower Dale: 7-11-03. |
| Released to: JUK | Proce I REARIZET DUIC. |

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INSPECTION FOR NO, R.M. CONTAMINATION |
|------------|--|
| Loc | vation: Jates fand Allack lick Date: 7-11-83 |
| Sur | vey instrument model: Lucilium 3-98 Last calibrated: 10-25-02 |
| Iten | n description: 1-53 gallen deun with knote |
| <u> </u> | |
| Nur | mber of pieces: |
| Loc | ation where items originated: Unknown (Equipment on wash Rack) |
| Bac | kground reading: 13.5 uR/hr |
| Higt | nest NORM reading: <u>9-0</u> uR/hr (corrected for background) |
| | vest NORM reading: uR/hr (corrected for background) |
| | samples taken? If so, how many? |
| <u></u> | |
| | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| b | Pieces found to have NORM contamination. |
| Rem | narks: Tested top + 4 sides of the tappel
(M, S, E + W). Jewels of Moran are low
enough to be disposed of. |
| | ector: Jesse Manzanales. |
| Wha | It is final disposition? Levels of MORM ARE are to be disposed |
| Rele | ased to: Thomas it may loncer Date: 7-11-03. |

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| | INSPECTION FOR N.O.R.M. CONTAMINATION |
| Locatio | n: <u>Anteria Jacob allach lack</u> Dale: <u>7-11-83</u> |
| Survey | instrument model: Lucilium 3-98 Last calibrated: 10-25-02 |
| | escription: 1-55 galler deve with knoth |
| | |
| | er of pieces: |
| Locatio | in where items originated: Unknown (Equipment on wash lack) |
| Backgr | ound reading: 13.5 uR/hr |
| Highes | NORM reading: $\underline{9.5}$ uR/hr (corrected for background) |
| Lowest | NORM reading: |
| Any sa | mples taken? If so, how many? |
| | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| | Pieces found to have NORM contamination. |
| | |
| Remark | 18: Tested top + 4 sides of the basel |
| | (M.S. Eda). Jenels at Noton ale low |
| | enough to be disposed of. |
| nspecti | or. Jesse Manzanakes |
| | final disposition levels of Marn are are to be disposed |

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| | <u>NATCO</u> |
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| ocation: Anteric | INSPECTION FOR NO.R.M. CONTAMINATION
Your Allack lack Date: 7-11-03 |
| Survey instrument mod | del: <u>Lullum 3-98</u> Last calibrated: <u>10-25-02</u> |
| lumber of pieces: | |
| | 13.5_uR/hr |
| fighest NORM reading | : <u>10.0</u> uR/hr (corrected for background) |
| | so, how many? |
| | Pieces inspected.
Pieces found to be free of NORM contamination. |
| 0 | Pieces found to have NORM contamination. |
| | I top + 4 sides of the tappel
+ w). Jends of Norm nac low
to be disposed of. |
| | Manzanales. |

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| <u>NATCO</u> |
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| INSPECTION FOR NO.R.M. CONTAMINATION
Location: Later fact Collard lack Dale: 7-11-03 |
| Survey instrument model: Lullum 3-78 Last calibrated: 10-25-02 |
| Item description: 1-55 gallen deun with hinster. |
| Number of pieces: |
| Location where items originated: Unknown (Equipment on wash Pack) |
| Background reading: 13.5 uR/hr |
| Highest NORM reading: <u>9.5</u> uR/hr (corrected for background) |
| Lowest NORM reading: uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| Remarks: Tested top + 4 sides of the papel |
| - (N, S, E + W). Jenels of flotin race for
enough to be disposed of. |
| Inspector. Jesse Manzanales |
| What is final disposition? levels of Morn are de la be disposed of. |
| Released to: Them it may lance Ren Dale: 7-11-03. |

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips | |
|---|--|--|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: San Juan 32-7 Unit
#10 | |
| 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) "N" Sec 32, T32N, R7W,
San Juan County | Project #96052-039 | |

9. <u>Circle One</u>:

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:

Produced water contaminated soil and gravel from production tank overflow.

CWS attached.



Estimated Volume <u>1</u> cy Known Volume (to be entered by the operator at the end of the haul) <u>(2</u> cy

| SIGNATURE HANNER . DUSO TITLE: Environmental Administrative Assistant DATE: 0' | 7/10/03 |
|--|---------|
|--|---------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | · · | |
|----------------------------|--------------------|---------------|
| APPROVED BY: Derry Kom | TITLE: Envivo/Engr | DATE: 7/16/03 |
| | TITLE: Geologist | DATE: 7-16-03 |
| | | ۰ |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

2.

;505 599 3442

96052-039

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|------------|---|--|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | | |
| | San Juan 52-1 Will R. R. MW
Unit N, Sec. 32, T32N, R. MW
San Juan County, New Mexico
attach list of originating sites as appropriate | |
| | attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | I cy soivgravel from producti | on tank overflow (produced water
w/ little oil) |
| | | |
| | | |
| I, | Monica D. Olson | representative for : |
| • | Print Name | |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| | vation and Recovery Act (RCRA) and Environmental Protection
ed waste is: (Check appropriate classification) | Agency's July, 1988, regulatory determination, the above |
| <u></u> EX | | T oilfield waste which is non-hazardous by characteristic y product identification |
| and that | nothing has been added to the exempt or non-exempt nonhaz | ardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (che
MSDS InformationOthe
RCRA Hazardous Waste Analysis
Chain of Custody | eck appropriate items):
r (description |
| | ste is in compliance with Regulated Levels of Naturally Occu
3.1 subpart 1403.C and D. | erring Radioactive Material (NORM) pursuant to 20 |
| Name ((| Original Signature): MMULA D. O'LOM | |
| Title: | HSE & Regulatory Technician | |
| Date: | 7-10-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u>

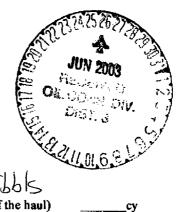
| <u>District II</u> <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 RECEIVED State of New Mexico State of New Mexico Environmental Baiedonservation Division Oil Conservation Division Oil Conservation Division Santa Fe, NM 87505 | Form C-138
rces Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🗋 Non-Exempt: 🖾 | 4. Generator: Coastal Chemical, LLC |
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Loading Pad in Yard |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Coastal Chemical |
| 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) 1130 Madison Lane,
Farmington | Project #95007-012 |
| 9. <u>Circle One</u> : | |

- 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:

New motor oil spilled onto concrete loading pad & mixed with Floor Dry.

CWS and MSDS attached.



Estimated Volume <u>3bbl</u> cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 06/26/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|-----------------------------|------------------------------|---------------|
| APPROVED BY: Deng Tont | TITLE: Enviro/Engr | DATE: 6/27/03 |
| APPROVED BY: Munthan 9/1/1, | TITLE: Environmental Coolist | DATE: 7/21/03 |
| | | |

| * | | | |
|---|---|--|--|
| ~1623 N. French Dr., Hopps, NM 88240 | State of New Mexico
Ainerals and Natural Resources | Form C-138
Revised March 17, 1999 | |
| V 1301 W. Grand Avenue, Artesia, NM 88210 | Conservation Division | Submit Original | |
| District IV 122 | 20 South St. Francis Dr. | Plus I Copy
to Appropriate
District Office | |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | Santa Fe, NM 87505 | District Office | |
| REQUEST FOR APPR | ROVAL TO ACCEPT S | SOLID WASTE | |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | 4. | Generator: Coastal Chemical, LLC | |
| Verbal Approval Received: Yes 🗌 No | ⊠ 5. | Originating Site: Loading Pad in Yard | |
| 2. Management Facility Destination: Envirotech Soil
Landfarm #2 | Remediation Facility, 6. | Transporter: Coastal Chemical | |
| 3. Address of Facility Operator: 5796 U.S. Highway
87401 | 64, Farmington, NM 8. | State: New Mexico | |
| 7. Location of Material (Street Address or ULSTR) 113
Farmington | 0 Madison Lane, Pr | oject #95007-012 | |
| 9. <u>Circle One</u> : | | | |
| A. All requests for approval to accept oilfield exempt v
one certificate per job. B. All requests for approval to accept non-exempt was
material is not-hazardous and the Generator's certification
approved | tes must be accompanied by neces | sary chemical analysis to PROVE the | |
| All transporters must certify the wastes delivered are only those consigned for transport. | | | |
| BRIEF DESCRIPTION OF MATERIAL: | | | |
| New motor oil spilled onto concrete loading pad & | & mixed with Floor Dry. | R 273(4(3)6)77 | |
| CWS and MSDS attached. | | JUN 2003 | |
| OIL CONS. DIV. | | | |
| DIST. 3 | | | |
| | | 11.01.6.8 Jan | |
| Verbal DGF 6/30/03 | | | |
| Estimated Volume <u>3bbl</u> cy Known Volume (to be ente | red by the operator at the end of t | ne haul)cy | |
| SIGNATURE Handrea R. JackSos | TITLE: Environmental Ad | ministrative Assistant DATE: 06/26/03 | |
| TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPH | ONE NO: (505) 632-0615 | | |
| (This space for State Use) | | | |
| APPROVED BY: Deny Point TITLE: Enviro/Engr DATE: 6/27/03 | | | |
| APPROVED BY: | | DATE: | |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Jonna Prukop Cabinet Scentury Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

2. Destination Name: 1. Generator Name and Address Constal Chemical Co., LLC. Envirotech Inc. Soil Remediation Facility Landfarm #2 1130 Madison Ln. Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR); iginating Site (name): Chemical USFal 30 Madison Li attach list of originating sites as appropriate motor oil (Peg 805) spilled on concrete loading pad tal Facility + mixed with Floor dry. 4. Source and Description of Waste rain representative for : 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): Other (description **MSDS** Information 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: Date:

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.ennud.state.nm.us

Page 1 of 9

602466-00 MOBIL PEGASUS 805

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 (Primary) CHEMTREC: 800-424-9300 (Secondary) 281-834-3296 Product and Technical Information: 800-662-4525 703-846-6693 MSDS Fax on Demand: 613-228-1467, other MSDS information: 856-224-4644

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

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.

MOBIL PEGASUS 805

602466-00 Page 2 of 9

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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: Funes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 216(420) (ASTM D-92).

Flammable Limits (approx. % vol.in air) - LEL: 0.98, UEL: 7.08 NFPA HAZARD ID: Kealth: 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 liquid with sand or other suitable absorbent and remove mechanically into containers. If necessary,

(Section continued next page)

MOBIL PEGASUS 805

602466-00 Page 3 of 9

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 liquid 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.

(Section continued next page)

MATERIAL SAFETY DATA BULLETIN

MOBIL PEGASUS 805

ExxonMobil

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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 DH: NA BOILING POINT C(F) : > 288(550)MELTING POINT C(F): NA FLASH POINT C(F): > 216(420) (ASTM D-92) FLAMMABILITY (solids): NE AUTO FLAMMABILITY: 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: 0.86-0.07 SOLUBILITY IN WATER: Negligible PARTITION COEFFICIENT: > 3.5 VISCOSITY AT 40 C, aSt: > 50.0 VISCOSITY AT 100 C, est: > 10.0 POUR POINT C(F) : < -12(18) FREEZING POINT C(F): NE VOLATILE ORGANIC COMPOUND: NE DMSO EXTRACT, IP-346 (WT.8): <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.

EXXONMODII MATERIAL SAFETY DATA BULLETIN

MOBIL PEGASUS 805

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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 troated oils showed no evidence of carcinogenic effects. These results are confirmed on a

(Section continued next page)

MOBIL PEGASUS 805

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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 darcinogenic 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. When released into the environment, adsorption to sediment and soil will be the predominant behavior. Available ecotoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product. Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal. This product is expected to be inherently biodegradable.

13. DISPOSAL CONSIDERATIONS

- WASTE DISFOSAL: 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.

EXXONMOBIL MATERIAL SAFETY DATA BULLETIN

MOBIL PEGASUS 805

602466-00

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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/Proparations 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 MALARD 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 |
| | | |
| XYLENES (0.03%) | 1330-20-7 | 22 |
| ZINC (ELEMENTAL ANALYSIS) (0.03%) | 7440-66-6 | 22 |
| PHOSPHORODITHOIC ACID, 0,0-DI | 68649-42-3 | 22 |
| C1-14-ALKYL ESTERS, ZINC SALTS (2: | | |

(Section continued next page)

MOBIL PEGASUS 805

602466-00

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Page 8 of 9
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1) (ZDDP) (0.33%)

--- 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=0sна 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: 602456-00, ELIS: 400795, CMCS97: 97D936, REQ: US - MARKETING, SAFE USE: L EHS Approval Date: 27SEP2001

(Section continued next page)

MOBIL PEGASUS 805

602466-00 Page 9 of 9

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.

strict Law 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: El Paso Field Services |
|---|--------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Blanco Plant |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Riley |
| 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) N/2 Sec 15, T29N, R11W, San Juan County | Project #97057-084 |

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:

Produced sludge and coal fines from the bottom of pipeline condensate tank.

CWS Attached

SIGNATURE



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

anana Waste Management Facility Authorized Agent TITLE: Environmental Administrative Assistant

DATE: 06/25/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|---------------|
| APPROVED BY Dent four | TITLE: Enviro/Engr | DATE: 6/27/03 |
| APPROVED BY: | TITLE: yee logiet | DATE: 6-27-03 |



+505-599-2235

T-437 P.02/02 F-079 97057-084

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | 2. Destination Name: |
|---|---|
| El Paso Field Services Co. | Envirotech Soil Remediation Facility |
| 614 Reilly Avenue | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of Waste (Street address &/or ULSTR): |
| Blanco Plant | N ½ of Section 15, T29N, R11W, |
| | San Juan County, New Mexico |
| Attach list of originating sites as appropriate | , |
| 4. Source and Description of Waste | |
| | |
| Produced sludge and coal fines from the botto | m the pipeline condensate tank. |
| | |
| | |
| | |
| | |
| I,David Bays | representative for: |
| (Print Name) | |
| El Paso Field Services | Co. do hereby certify that, |
| | overy Act (RCRA) and Environmental Protection Agency's July, |
| 1988 regulatory determination, the above describe | ed waste is: (Check appropriate classification) |
| | NON-EYENDT ailfield warra which is son barardous by |
| 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-hazardous waste defined above |
| and that forming has been added to the exempt of | |
| For NON-EXEMPT waste only, the following docu | mentation is attached (check appropriate items): |
| | mentaliser to associet (check appropriate fields) |
| MSDS Information | Other (description) |
| RCRA Hazardous Waste Analy
Chain of Custody | SIS |
| | |
| | |
| Name (Original Signature): | BRAN |
| | the forth |
| Title: Principal E | Invironmental Scientist |
| | |
| Date: June 24, 2 | 003 |
| | |

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

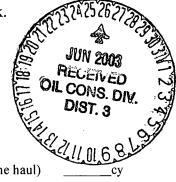
| 1. RCRA Exempt: 🖾 Non-Exempt: 🛄 | 4. Generator: Robert L. Bayless |
|--|---------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: State #5 Battery |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: 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) "M" Section 16, T16N, R6W, McKinley County | Project #92102-009 |

9. <u>Circle One</u>:

- 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:

Tank bottoms and bottom sediments and water cleaned from a produced oil tank.



Estimated Volume <u>50bbl</u> cy Known Volume (to be entered by the operator at the end of the haul)

| SIGNATURE Dandua R. Jack So-
Waste Management Facility Authorized Agent | TITLE: Environmental Administrative Assistant | DATE: <u>06/25/03</u> |
|--|---|-----------------------|
|--|---|-----------------------|

25 bb/S

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|-------------------------|----------------------|
| APPROVED BY: Dent Fent | TITLE: Envirol Engr | DATE: <u>6/27/03</u> |
| APPROVED BY: And Kingh | TITLE: <u>geologist</u> | DATE: 6-27-03 |

66



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: |
|---|--|
| R.L.BAYLESS | Envirotech Inc. Soil Remediation Facility |
| - | Landfarm #2 |
| FARMINGTON, NM 87499 | Hilltop, New Mexico |
| | |
| | Location of the Waste (Street address &/or ULSTR): |
| $<_{TATE} \forall S OANERY$ | |
| I'M"FRATION 16, TIGN, 12609 | |
| MCKINLEY CO. MM
attach list of originating sites as appropriate | |
| 4. Source and Description of Waste 50 BBL TA | ANK BOTTOMS, AND ESQW. |
| | |
| Produced oil tank. | |
| | |
| | |
| | |
| I TOM MCARTHY | representative for : |
| Print Name | |
| Tom the APTTE ROSERTL, BAKES | bell with a did that are a did the Decision |
| +OM THE EXETTE LOBERT LI DARCES | do hereby certify that, according to the Resource |
| Conservation and Recovery Act (RCRA) and Environmental Protection | Agency's July, 1966, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| KEXEMPT oilfield wasteNON-EXEMU | PT oilfield waste which is non-hazardous by characteristic |
| analysis or | by product identification |
| _ | 1 |
| and that nothing has been added to the exempt or non-exempt non -ha | zardous waste defined above. |
| | hadr annonrista itama). |
| For NON-EXEMPT waste the following documentation is attached (cl | er (description |
| MSDS InformationOth
RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occ | curring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| Tal quite | |
| Name (Original Signature): / deus // //// | |
| | |
| Title: ENGINEER | |
| Phone Number: 326 2659 | · · · · |
| | 1 |
| Date: 6/25/82 | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.cmnrd.state.nm.us</u>

| | J CEIVED |
|--|---|
| District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
State of New Mexico
RECEIVED gy Minerals and Natural Resou | Form C-138
rces JUN 3 0 2003 Revised March 17, 1999 |
| District III IIII 2 1 2003 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 IIIII 2 1 2003 Oil Conservation Division District IV Environmental Bureau 1220 South St. Francis Dr. 1220 S. St. Francis Dr., Santa Fe, NM 87505 Conservation Division Division | OIL CONSERVATION
DIVISION
Submit Original
Plus 1 Copy
to Appropriate
District Office |
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🗋 Non-Exempt: 🔀 | 4. Generator: Transwestern Pipeline Co. |
| Verbal Approval Received: Yes 🗌 No 🖄 | 5. Originating Site: San Juan Station |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Terracon |
| 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) Lot 41 CR 4935,
Bloomfield | Project #98063-018 |
| B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No wasted approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Pipeline valve oil that leaked from pig launcher. CWS & Analytical attached. | classified hazardous by listing or testing will be |
| Estimated Volume cy Known Volume (to be entered by the operator at the signature | l Administrative Assistant DATE: 06/25/03 |
| (This space for State Use)
APPROVED BY: Derry ten TITLE: Environment
APPROVED BY: Manting Stills - TITLE: Environment | /Engr_ DATE: 6/27/03
41 Grobert DATE: 70/21/03 |

| - | • |
|----------|---|
| | District I |
| | 1625 N. French Dr., Hobbs, NM 88240 |
| <u>.</u> | District II |
| 4 | 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 |
| | 1 |

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Transwestern Pipeline Co. | | | | | |
|--|---|--|--|--|--|--|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: San Juan Station | | | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Terracon | | | | | |
| 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) Lot 41 CR 4935,
Bloomfield | Project #98063-018 | | | | | |

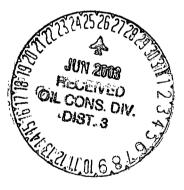
9. Circle One:

- 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:

Pipeline valve oil that leaked from pig launcher.

CWS & Analytical attached.



cy

Verbal D&F 6/30/03

Estimated Volume

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

SIGNATURE Waste Management Facility Authorized Agent

_cy

TITLE: Environmental Administrative Assistant DATE: 06/25/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | |
|--|---------|
| APPROVED BY: [) Engreent TITLE Enviro/Engr DATE (| 6/27/03 |
| | |
| APPROVED BY | |

1

h.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor

Joanna Prukop Cabluet Secretary Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|----------|--|---|
| | Transweatern Ripeline Co. | Envirotech Inc. Soil Remediation Facility |
| | P.O. Box 399 | Landfarm #2 |
| | | Hilltop, New Mexico |
| | Bloomfield, nm 87413 | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | San Juan Station | |
| | Sot #41 CR4935, Bloomfield, N | M87413 |
| | anaca her of originating sites as appropriate | |
| { | 4. Source and Description of Waste | |
| | Pupeline value oil that de | aked from pig claunches. |
| | | |
| L, | CHRIS GASTO- | representative for : |
| | Print Name | |
| | Insuration Recovery Act (RCRA) and Environmental Protection | do hereby certify that, according to the Resource |
| | d waste is: (Check appropriate classification) | Agency's July, 1>00, regularity determination, the above |
| EX | EMPT oilfield waste | PT oilfield waste which is non-hazardous by characteristic
by product identification |
| and that | nothing has been added to the exempt or non-exempt non-has | zardous waste defined above. |
| For NOT | N-EXEMPT waste the following documentation is attached (ch | eek annooriate items): |
| 101 1101 | | ar (description |
| | KCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| | ste is in compliance with Regulated Levels of Naturally Occ
3.1 subpart 1403.C and D. | urring Radioactive Material (NORM) pursuant to 20 |
| | M.K. | |
| Name (O |)rigiasl Signature): | |
| Title: | SR. Down Tich | |
| Phone N | umber: <u>632-3876</u> | |
| · · · | 1 28 13 | |
| Date: | 6-25-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztee, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.empid.state.nm.us</u>

TOV ROTICA LABS

PEACTICAL SOLUTIONS FOR A DELITER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | Terracon | Project #: | 98063-018 | | | | |
|-------------------------------|---|---|-----------|--|--|--|--|
| Sample ID: | Pig Launcher | Date Reported: | 06-20-03 | | | | |
| Lab ID#: | 25934 | Date Sampled: | 06-19-03 | | | | |
| Sample Matrix: | Soil | Date Received: | 06-19-03 | | | | |
| Preservative: | Cool | Date Analyzed: | 06-20-03 | | | | |
| Condition: | Cool and Intact | Chain of Custody: | 11058 | | | | |
| Parameter | Result | · · · · · · · · · · · · · · · · · · · | | | | | |
| IGNITABILITY: | Negative | | | | | | |
| CORROSIVITY: | Negative | pH = 7.42 | | | | | |
| REACTIVITY: | Negative | | | | | | |
| RCRA Hazardous Waste Criteria | ı | | | | | | |
| Parameter | Hazardous Waste Criterio | n. | | | | | |
| IGNITABILITY: | | ty as defined by 40 CFR, Subpart C, Sec.
direct contact with flame or flash point < 6 | | | | | |
| CORROSIVITY: | Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22.
(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5) | | | | | | |
| REACTIVITY: | (i.e. Violent reaction with | ty as defined by 40 CFR, Subpart C, Sec. :
water, strong base, strong acid, or the gen
a gases at STP with pH between 2.0 and 1 | eration | | | | |
| Reference: | 40 CFR part 261 Subpart | C sections 261.21 - 261.23, July 1, 1992. | | | | | |
| Comments: | Transwestern San J | uan Station. | | | | | |

Ånalyst

Walters "kristini N Revew

ENVIROTEC LABS

PRACTICAL SOLUTIONS FOR A BEITTER TOMORROW

TRACE METAL ANALYSIS

| Client: | Terracon | Project #: | 98063-018 |
|--------------------|---------------|------------------|-------------|
| Sample ID: | Pig Launcher | Date Reported: | 06-20-03 |
| Laboratory Number: | 25934 | Date Sampled: | 06-19-03 |
| Chain of Custody: | 11058 | Date Received: | 06-19-03 |
| Sample Matrix: | Soil | Date Analyzed: | 06-20-03 |
| Preservative: | Cool | Date Digested: | 06-20-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) | | |
|-----------|--------------------------|--------------------------|-------------------------------------|--|--|
| | | | | | |
| Arsenic | 0.023 | 0.001 | 5.0 | | |
| Barium | 6.06 | 0.001 | 100 | | |
| Cadmium | 0.017 | 0.001 | 1.0 | | |
| Chromium | 1.53 | 0.001 | 5.0 | | |
| Lead | 1.46 | 0.001 | 5.0 | | |
| Mercury | ND | 0.001 | 0.2 | | |
| Selenium | 0.018 | 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: | Transwestern San Juan Station. |
| | <i>"</i> i |
| Analyst | e. april Review Review |

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865 526

ENVIROTEC A LABS

TERACTICAL SOLUTIONS FOR A BEIMERIOMORSOW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project #: | | N/A | | | |
|--|--------------------------|--|------------------|-------------|-------------|------------|--|--|--|
| Sample ID: | | 06-20-TM | 06-20-TM QA/QC | | orted: | 06-20-03 | | | |
| Laboratory Number: | | 25934 | | Date Sam | | N/A | | | |
| Sample Matrix: | | Soil | | Date Rece | eived: | N/A | | | |
| Analysis Requested: | | Total RCR | A Metals | Date Anal | yzed: | 06-20-03 | | | |
| Condition: | | N/A | | , Date Dige | sted: | | 06-20-03 | | |
| | | 100000 10000 p. p. 1000 p. 10000 p. 10000 | | | | | and the second second second second second second second second second second second second second second second | | |
| Kalendari and anticipation with a state of a state of the | lnstrumen
Blank (mg/l | and the second second second second second second second second second second second second second second second | Detecti
Limit | | Duplicate | %
Diff. | Acceptance
Range | | |
| Arsenic | ND | ND | 0.001 | 0.023 | 0.023 | 0.0% | 0% - 30% | | |
| Barium | ND | ND | 0.001 | 6.06 | 6.04 | 0.3% | 0% - 30% | | |
| Cadmium | ND | ND | 0.001 | 0.017 | 0.017 | 0.0% | 0% - 30 % | | |
| Chromium | ND | ND | 0.001 | 1.53 | 1.52 | 0.7% | 0% - 30% | | |
| Lead | ND | ND | 0.001 | 1.46 | 1.46 1.44 | | 0% - 30% | | |
| Mercury | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | | |
| Selenium | ND | ND | 0.001 | 0.018 | 0.018 0.018 | | 0% - 30% | | |
| Silver | ND | ND | 0.001 | ND | ND ND | | 0% - 30% | | |
| Spike | | Spike | Sampl | e Spiked | Percent | | Acceptance | | |
| Conc. (mg/L) | | Added | Samp | Sample | | | Range | | |
| could: (ing/e) | | , ladaa | | erri Pre- | | | incinige - | | |
| Arsenic | | 0.500 | 0.023 | 0.521 | 99.6% | | 80% - 120% | | |
| Barium | | 0.500 | 6.06 | 6.54 | 99.7% | | 80% - 120% | | |
| Cadmium | | 0.500 | 0.017 | 0.516 | 99.8% | | 80% - 120% | | |
| Chromium | | 0.500 | 1.53 | 2.02 | 99.5% | | 80% - 12 0% | | |
| Lead | | 0.500 | 1.46 | 1.95 | 99.5% | | 80% - 120% | | |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 120% | | |
| Selenium | | 0.500 | 0.018 | 0.518 | 100.0% | | 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 25934.

Analyst

reters Review

CHAIN OF CUSTODY RECORD

| | | | Project Location | _ 1 | ANALYSIS / PARAMETERS | | | | | | | | | | | | |
|-----------------------------------|----------------|----------------|------------------|------------------------------------|-----------------------|----------------------|-----------------------|---------|--------|-----------|----------|----------|------|---------------|---------------------------------------|-------------|-----|
| Transwestern an Jan Joan | | | | | | | | | | | | | | | | | |
| Sampler: Client No. ဟု န
ထုန်လ | | | Client No. 980 | 3063-018
2-001 cu | | No. of
Containers | | CKA | | | | | | Remarks | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | ab Number Sample Z
Matrix | | Cont | R | 8 BC | | | | | | | | | |
| Pig Launcher | 6/19/03 | 14:25 | 25934 | 2 | 011 | | 1 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
 | · | | | |
| | | | | Date | Time | Dessi | | Cimate | | | | <u> </u> | | | Data | | |
| Relinquished by: (Signatu | l | | | 619.03 | | 1 | Ved by: (| ~~~ | _ [. [| <u>Aj</u> | <u>.</u> | | | | Date
-/9.43 | ۲in
۲۰٬۷ | 1 |
| Relinquished by: (Signatu | re) | | | | | Recei | ved by: (| Signatu | ure) | • | | | | | | | |
| Relinquished by: (Signature) | | | | | | Recei | eived by: (Signature) | | | | | | | | | | |
| Envi | | | | | IRO | TEC | CH | In | C. | | | | | Sample | e Receipt | <u> </u> | |
| | | | | | | n ganga | | | | | | | | | - Y * | N | N/A |
| | | | | 5796 U.S. Hig
Farmington, New M | | | lexico | | 1 | | | | Rec | ceived Intact | <u>د</u> | - | |
| | | | | | (505) | 632-0 | 0615 | | | | | | Cool | - Ice/Blue Ic | 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 |

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: \square Non-Exempt: \square | 4. Generator: Compressor Systems Inc. |
|--|---------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: NEBU 410A |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Paul & Sons |
| 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 9, T31N, R7W,
San Juan County | Project #01038-012 |

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:

Soil contaminated when screw compressor oil drained onto ground.

CWS & MSDS attached.



Estimated Volume 1 cy Known Volume (to be entered by the operator at the end of the haul) $\int \frac{1}{2} cy$

NOG SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 06/19/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|----------------------------|-------------|
| (This space for state Use) | E IT | CIANT |
| APPROVED BY: Demotor | TITLE: Enviro/Engy DAT | TE: 6/25/03 |
| APPROVED BY: | TITLE: <u>declogist</u> DA | TE: 6-25-03 |



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVILION AZTEC CISTRICT OFFICE 1000 RIO BRAZOS KOLD AZTEC, NEW MEXICO 57410 (500) 334-6178 Par (505)214-6170

GARY E. JOHNSON

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address:
Complessor SYSTEMS INC
5995 US HWY GY
FARMENGTON N.M. 97401 | 2. Destination Name:
ENVIROTECH INC
5786 US Havy 64
FARMININGTON MM |
|---|---|
| 3. Orlginating Site (name): | Location of the Waste (Street address &/or ULSTA); |
| NEBU 410 A SECT 9 RANGE
FEL 1275 | 7-W TOWNSHER 31-N FSL 1535 |
| Attach list of originating sites as appropriate | |
| 4. Source and Description of Waste USed | O ONTO GROUND. ABOUT 75 GALLONS |
| SCALW COMPRESSOR OIL VRAINE | D ONTO GROUND. |
| OF OIL MERCO WITH SOIL NET | T to UNI |
| 1. Phause Rad | representative for: |
| (Print Name) | do hereby cortify that, |
| COMPLISSOR SYSTEMS IN | ary Act (RCRA) and Environmental Protection Agency's July, |
| 1988, regulatory determination, the above described | waste is: (Check appropriate classification) |
| trom Phillip Play | MPT oilfield waste which is non-hazardous by characteristic
or by product identification |
| and that nothing has been added to the exempt or n | on-exempt non-hazardous waste defined above. |
| For NON-EXEMPT waste the following document K MSDS Information RCRA Hazardous Waste Analysis Chain of Custody | tation is attached (check appropriate items):
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.

| يعابر المحجولة | | | 11. | 1 | |
|----------------|-----------|-------------|-------|-----|--|
| Name | (Orioinal | Signature): | Kallo | the | |
| | | · U . | | | |

Title: SLNROK SERVICE TECH

Date: <u>6-19-08</u>

May. 23 2001 08:16AM P3



Chevron HDAX® NG Screw Compressor Oil

MSDS: 6852 Revision #: 2 Revision Date: 10/17/00

Click here to search the product data sheet database

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON HDAX NG Screw Compressor Oil

PRODUCT NUMBER(S): CPS255204 CPS255205 CPS259135 SYNONYM: CHEVRON HDAX NG Screw Compressor Oil ISO 100 CHEVRON HDAX NG Screw Compressor Oil ISO 150 CHEVRON HDAX NG Screw Compressor Oil ISO 68

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Chevron Products Company Lubricants and Specialty Products 6001 Bollinger Canyon Rd., T3325/B10 San Ramon, CA 94583 www.chevron-lubricants.com 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 HDAX NG Screw Compressor Oil CONTAINING AGENCY/TYPE COMPONENTS AMOUNT LIMIT/QTY HYDROTREATED DIST., HVY PARA Chemical Name: DISTILLATES, HYDROTREATED HEAVY PARAFFINIC CAS64742547 > 80.00% 5 mg/m3 (mist) ACGIH TWA 10 mg/m3 (mist) ACGIH STEL 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 FYE: 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. 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. 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) 419F (215C) 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 and water vapor and may produce oxides of nitrogen and phosphorus. 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

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.

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: <Viton> <Nitrile> <Silver Shield> <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 DESCRIPTI
Liquid. | ON: |
|-------------------------------|--|
| pH: | NA . |
| 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 - 0.88 @ 15.6/15.6/C |
| EVAPORATION RATE: | NA |
| VISCOSITY: | 61.2 - 135 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 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

http://www.msdssolutions.com/doc-magrit/0000000558/0000657696.html

6/19/2003

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

Immediate (Acute) Health Effects: NO 1. SARA 311 CATEGORIES: Delayed (Chronic) Health Effects: NO 2. Fire Hazard: NO 3. 4. Sudden Release of Pressure Hazard: NO Reactivity Hazard: 5. 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 17=OSHA PEL 27=TSCA Sect 4(a) 07=IARC Group 2A 28=Canadian WHMIS 18=DOT Marine Pollutant 29=OSHA CEILING 08=IARC Group 2B 09=SARA 302/304 19=Chevron TWA 30=Chevron STEL 20=EPA Carcinogen 10=PA RTK The following components of this material are found on the regulatory lists indicated. DISTILLATES, HYDROTREATED HEAVY PARAFFINIC - is found on lists: 14,15,17, EU RISK AND SAFETY LABEL PHRASES: R53: 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; (O-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:** Changes have been made in Section 1 (Chemical Product and Company Id.). ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT: ABBREVIATIONS THAT MAT HAVE BEEN OSED IN THIS DOCOMENT:TLV - Threshold Limit ValueTWA - Time Weighted AverageSTEL - Short-term Exposure LimitTPQ - Threshold Planning QuantityRQ - Reportable QuantityPEL - Permissible Exposure LimitC - Ceiling LimitCAS - Chemical Abstract Service NumberAl-5 - Appendix A Categories() - Change Has Been ProposedNDA - No Data AvailableNA - 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.

0)

THIS IS THE LAST PAGE OF THIS MSDS

.

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips | |
|---|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Jicarilla D Ridge
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) "K" Sec 30, T26N, R3W,
Rio Arriba County | Project #96052-038 | |

9. <u>Circle One</u>:

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:

Condensate and produced water stained soil.

CWS and notification to Jicarilla EPO attached.



Estimated Volume <u>20</u> cy Known Volume (to be entered by the operator at the end of the haul)

TITLE: Environmental Administrative Assistant SIGNATURE Λŀ DATE: 06/19/03 Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------------|---------------|
| APPROVED BY: Dent tam | TITLE: Enviro/Engy | DATE: 6/25-03 |
| APPROVED BY: | TITLE: <u>q-celagist</u> | DATE: 6-20-03 |



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 Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 Landfarm #2 |
| | Farmington, NM 87401 Hilltop, New Mexico |
| | |
| | 3. Originating Site (name):
JICArilla D Rigge Compressor
Unit K, Sec. 30, T26N, R3W
Rid Arriba County, New Mexico
attach list of originating sites as appropriate |
| | 4. Source and Description of Waste |
| | Soil stained up produced water & condensate |
| | (approx. 20 cy) |
| | |
| | |
| | |
| I, | Monica D. Rodahl representative for: |
| | Print Name |
| | ConocoPhillips Company do hereby certify that, according to the Resource |
| | vation and Recovery Act (RCRA) and Environmental Protection Agency's July, 1988, regulatory determination, the above
ed waste is: (Check appropriate classification) |
| EX | KEMPT 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 NO | N-EXEMPT waste the following documentation is attached (check appropriate items):
MSDS InformationOther (description
RCRA Hazardous Waste Analysis
Chain of Custody |
| | ste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20
3.1 subpart 1403.C and D. |
| | Original Signature): MONICE D. Rodahl |
| Title: | HSE & Regulatory Technician |
| Date: | 6-19-03 |
| | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.ennrd.state.nm.us</u>



San Juan Operations 5525 Hwy. 64 Farmington, NM 87401

SENT VIA FAX

June 20, 2003

Mr. Keith Manwell Jicarilla Environmental Protection Office P.O. Box 507 Dulce, NM 87528

RE: Transporting excavated soil from Jicarilla D Ridge Compressor to Envirotech Landfarm

Dear Mr. Manwell,

Please be aware that we plan to transport all excavated soil from the Jicarilla D Ridge Compressor to the Envirotech Landfarm at Hilltop, New Mexico. Clean fill dirt is being acquired from Tony Schmitz to backfill the excavated area.

Should you have any questions or require additional information, please give me a call at 505-599-3458.

Sincerely,

Minice D. Rodahl

Monica D. Rodahl HES & Regulatory Technician

Cc: Mr. Denny Foust - New Mexico Oil and Gas Conservation Division

| 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 |

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗖 | 4. Generator: Conoco Phillips |
|---|-------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Scott #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 2, T29N, R13W,
San Juan County | Project #96052-037 |

9. <u>Circle One</u>:

- 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:

Condensate contaminated soil resulting from a tank overflow.

CWS attached.



Estimated Volume $\underline{36}$ cy Known Volume (to be entered by the operator at the end of the haul)

TITLE: Environmental Administrative Assistant DATE: 06/19/03 SIGNATURE (Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | · · · · |
|----------------------------|-----------------------|---------------|
| 1 MAINT | TITLE Francisco Frage | |
| APPROVED BY: Dent tem | TITLE: Enviro/Engr | DATE: 6/25/03 |
| APPROVED BY: Att High | TITLE: q-cologist | DATE: 6-25-03 |



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 | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | | |
| | | Location of the Waste (Street address &/or ULSTR): |
| | Scott #1
2220'FSL & 1450' FWL | API #30-045-13094 |
| | T 29N RIZLI Soc 2 1101+V | |
| | T 29N, R13W, Sec. 2, Unit K
attach list of originating sites as appropriate San Juar | County, NM |
| | 4. Source and Description of waste | 5 |
| | soil contractions star | ned w/ condensate (tank,) |
| | (At least 3 truck loads at 1. | |
| | (in local o truck locals of in | - sy sail |
| [| | |
| | | |
| I, | Monica D. Rodahl | representative for : |
| | Print Name | |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| | vation and Recovery Act (RCRA) and Environmental Protection | Agency's July, 1988, regulatory determination, the above |
| describe | d waste is: (Check appropriate classification) | |
| I EX | EMPT oilfield waste NON-EXEMP | T oilfield waste which is non-hazardous by characteristic |
| | | y product identification |
| | | |
| and that | nothing has been added to the exempt or non-exempt non -haza | ardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (che | ock annronriate items): |
| FOI NOI | | (description |
| | RCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| | | |
| | ste is in compliance with Regulated Levels of Naturally Occu | rring Radioactive Material (NORM) pursuant to 20 |
| NMAC. | 3.1 subpart 1403.C and D. | |
| Name (C | Priginal Signature): MONICA D. Rodahl | |
| Title: <u> </u> | ISE & Regulatory Technician | |
| Date: | 6-19-03 | · · · |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eunrd.state.nm.us</u>

| (\$) * | |
|--|---|
| District 1 State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Ref District 11 District 11 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District 111 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis I 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | esources Form C-130
Revised March 17, 199
JUN 2 3 2003 Submit Origina
Dn Dit c |
| REQUEST FOR APPROVAL TO ACC | EPT SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Federal #21 |
| 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 9, T27N, R8W,
San Juan County | Project #96052-035 |
| All transporters must certify the wastes delivered are only those consigned for
BRIEF DESCRIPTION OF MATERIAL: | transport. |
| Contaminated soil from an earther sit (source of sit contants unknown) | THE IT IS IN THE IS AN A STATE |
| | JUN 2003
A
DIAT.S |
| • • • | Dist. S |
| CWS and TCLP w/o herbs & pests attached.
Note no herbic ides and preficides.
With source of continuition unknown | C C C C L L L L L L L L L L L L L L L L |
| CWS and TCLP w/o herbs & pests attached.
Note no herbic ides and pesticides
with source of continuation unknown
Estimated Volume 7 cy Known Volume (to be entered by the operator at th | and of the haul) $\int Q_{cy}$ |
| Estimated Volume <u>7</u> cy Known Volume (to be entered by the operator at the entered by the ope | and of the haul) $\int Q_{cy}$
ental Administrative Assistant DATE: <u>06/17/0</u> |

•

| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource District II Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 Oil Conservation Division District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | Urces Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|---|
| REQUEST FOR APPROVAL TO ACCEP | PT SOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖂 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Federal #21 |
| 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 9, T27N, R8W,
San Juan County | Project #96052-035 |
| 9. <u>Circle One</u> : | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by a material is not-hazardous and the Generator's certification of origin. No waste of approved | necessary chemical analysis to PROVE the |
| All transporters must certify the wastes delivered are only those consigned for tran | sport. |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Contaminated soil from an earthen pit (source of pit contents unknown).
CWS and TCLP w/o herbs & pests attached. | JUN 2003
PRECEIVED
ON COMS. DN. |
| Estimated Volume <u>7</u> cy Known Volume (to be entered by the operator at the end of | f the haul)cy |
| SIGNATURE JANALA R. Julion TITLE: Environmental
Waste Management Fachity Authorized Agent | Administrative Assistant DATE: 06/17/03 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | 5 |
| (This space for State Use) | |

| (This space for State Use) | | |
|----------------------------|-------------------|---------------|
| APPROVED BY: Deny ten | TITLE ENVIRO/FIGE | DATE: 6/17/02 |
| | | |
| APPROVED BY: | TITLE: | DATE: |
| | | |

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 Courses News and Address | 2. Destination Name: |
|----------|---|---|
| | 1. Generator Name and Address | |
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
Federal #21
Unit D, Sec. 9, TZ7N, R&W
San Juan County, NM
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR):
API # 30-045-24183 |
| | 4. Source and Description of Waste | |
| | 7 cy soil from earthen p | pit (unknown source of
pit contents) |
| | | |
| I, | Monica D. Rodahl
Print Name | representative for : |
| | ConocoPhillips Company | to have been a different of the second second |
| | vation and Recovery Act (RCRA) and Environmental Protectioned waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
on Agency's July,1988, regulatory determination, the above |
| EX | XEMPT oilfield wasteNON-EXEM
analysis or | IPT oilfield waste which is non-hazardous by characteristic by product identification |
| and that | nothing has been added to the exempt or non-exempt non -ha | azardous waste defined above. |
| | N-EXEMPT waste the following documentation is attached (c | |
| | ste is in compliance with Regulated Levels of Naturally Oc
3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name ((| Driginal Signature): Monice D. Rodahl | |
| Title: | HSE É. Regulatory Technician
6-12-03 | |
| Date: | 6-12-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.ennrd.state.nm.us</u>

ENVIROTECH, LABS

PRACTICAL SOLUTIONS FOR A BETHER ROMARDW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-001 |
|-------------------------------|---|---|-----------|
| Sample ID: | 1 | Date Reported: | 06-09-03 |
| Lab ID#: | 25818 | Date Sampled: | 06-04-03 |
| Sample Matrix: | Soil | Date Received: | 06-06-03 |
| Preservative: | Cool | Date Analyzed: | 06-09-03 |
| Condition: | Cool and Intact | Chain of Custody: | 10980 |
| Parameter | Result | | |
| IGNITABILITY: | Negative | | |
| CORROSIVITY: | Negative | pH = 7.15 | |
| REACTIVITY: | Negative | | |
| RCRA Hazardous Waste Criteria | | | |
| Parameter | Hazardous Waste Criterio | n | |
| IGNITABILITY: | Characteristic of Ignitability as defined by 40 CFR, Subpart C, Sec. 261.21.
(i.e. Sample ignition upon direct contact with flame or flash point < 60° C.) | | |
| CORROSIVITY: | Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22. (i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5) | | |
| REACTIVITY: | 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 | | |
| ` | 1 | gases at STP with pH between 2.0 and 1 | |
| Reference: | 40 CFR part 261 Subpart | C sections 261.21 - 261.23, July 1, 1992. | |
| Comments: | Federal 21. | | |

Analyst Walters

dre Review

ENVIROTECHABS

DEAGTICAL SOLUTIONS LOG ALESTICS STOMETROW

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

| Client: | ConocoPhillips | Project #: | 96052-001 |
|--------------------|----------------|---------------------|-----------|
| Sample ID: | 1 | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | Date Sampled: | 06-04-03 |
| Chain of Custody: | 10980 | Date Received: | 06-06-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 06-06-03 |
| Preservative: | Cool | Date Analyzed: | 06-09-03 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| 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: | Federal 21. |

P. Analyst

Misturi M Walles

ENVIROTECH ABS

EPA METHOD 8040 PHENOLS

| Client: | ConocoPhillips | Project #: | 96052-001 |
|--------------------|----------------|---------------------|-----------|
| Sample ID: | 1 | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | Date Sampled: | 06-04-03 |
| Chain of Custody: | 10980 | Date Received: | 06-06-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 06-06-03 |
| Preservative: | Cool | Date Analyzed: | 06-09-03 |
| 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:

Federal 21.

Analyst

Review

FAV RO'ECHALABS

DEVACENCE ALL SOLUTIONS FOR PALET FERMIONS FROM

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

| | | • | |
|--------------------|-----------------|---------------------|-----------|
| Client: | ConocoPhillips | Project #: | 96052-001 |
| Sample ID: | 1 | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | Date Sampled: | 06-04-03 |
| Chain of Custody: | 10980 | Date Received: | 06-06-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 06-06-03 |
| Preservative: | Cool | Date Analyzed: | 06-09-03 |
| Condition: | Cool and Intact | Analysis Requested: | TCLP |

| | Concentration | Det.
Limit | Regulatory
Limit |
|---------------------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Pyridine | ŇD | 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 |
|---------------------------|--|--|--------------------------|
| v | | 2-fluorobiphenyl | 96% |
| 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. | | W-846, USEPA, July 1992. |
| Note: | Regulatory Limits based | Regulatory Limits based on 40 CFR part 261 Subpart C section 261.24, July 1, 1992. | |

Comments: Federal 21.

Analyst

Misterie M Wallers

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-001 |
|--------------------|----------------|------------------|-------------|
| Sample ID: | 1 | Date Reported: | 06-10-03 |
| Laboratory Number: | 25818 | Date Sampled: | 06-04-03 |
| Chain of Custody: | 10980 | Date Received: | 06-06-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 06-10-03 |
| Preservative: | Cool | Date Extracted: | 06-06-03 |
| 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 | 1.15 | 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 | 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: Federal 21.

Analyst

Mistine McDalles Review



QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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

FNVIROTECHPLABS

PRACTICAL SOLUTIONS FOR A HEALER TOMORIOW.

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Laboratory Blank | Date Reported: | 06-09-03 |
| Laboratory Number: | 06-09-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 06-09-03 |
| Condition: | N/A | Analysis Requested: | TCLP |

| | | Detection | Regulatory |
|----------------------|---------------|-----------|------------|
| | Concentration | Limit | Limits |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 |
| 2-Butanone (MEK) | ND | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | ND | 0.0001 | 0.5 |
| 1,2-Dichloroethane | ND | 0.0001 | 0.5 |
| Trichloroethene | ND | 0.0003 | 0.5 |
| Tetrachloroethene | ND | 0.0005 | 0.7 |
| 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 Ch | aracteristic Leaching Procedure, SW-8 | 346, USEPA, July 1992. |
| | Method 5030, Purge-and- | Trap, SW-846, USEPA, July 1992. | |
| | Method 8010, Halogenate | ed Volatile Organic, SW-846, USEPA, S | Sept. 1994. |
| | Method 8020, Aromatic V | olatile Organics, SW-846, USEPA, Sep | pt. 1994. |
| Note: | Regulatory Limits based of | on 40 CFR part 261 Subpart C section | 261.24, July 1, 1992. |
| Comments | QA/QC for sample 2 | 5818. | |

n C. Analyst

Mistine ny Walters

ENVIROTECH ABS

PRACTICAL SOLUTIONS FOR A GENTERMONOR HOW

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 06-09-03 |
| Laboratory Number: | 06-06-TCV | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | . N/A |
| Preservative: | N/A | Date Analyzed: | 06-09-03 |
| Condition: | N/A | Date Extracted: | 06-06-03 |
| | · . | Analysis Requested: | TCLP |

| | Concentration | Detection
Limit | Regulatory
Limits |
|----------------------|---------------|--------------------|----------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 |
| 2-Butanone (MEK) | ND | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | ND | a 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 C | haracteristic Leaching Procedure, SW-8 | 346, USEPA, July 1992. |
| | Method 5030, Purge-and | I-Trap, SW-846, USEPA, July 1992. | |
| | Method 8010, Halogenat | ed Volatile Organic, SW-846, USEPA, S | Sept. 1994. |
| | Method 8020, Aromatic | /olatile Organics, SW-846, USEPA, Sep | ot. 1994. |
| Note: | Regulatory Limits based | on 40 CFR part 261 Subpart C section | 261.24. July 1, 1992. |

Comments:

Analyst

Review Review

- NROTECH LABS

PRACTICAL SOLUTIONS FOR A BEFUER IGNORROW?

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

| Client: | QÁ/QC | · . | Project #: | N/A |
|----------------------|----------------|-----------|--|------------|
| Sample ID: | Matrix Duplica | te | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | | Date Received: | N/A |
| Analysis Requested: | TCLP | | Date Analyzed: | 06-09-03 |
| Condition: | N/A | | Date Extracted: | 06-06-03 |
| | | Duplicate | ······································ | |
| | Sample | Sample | Detection | |
| | Result | Result | Limits | Percent |
| Parameter | (mg/L) | (mg/L) | (mg/L) | Difference |
| Vinyl Chloride | ND | ND | 0.0001 | 0.0% |
| 1,1-Dichloroethene | ND | ND | 0.0001 | 0.0% |
| 2-Butanone (MEK) | ND | ND | 0.0001 | 0.0% |
| Chloroform | ND | ND | 0.0001 | 0.0% |
| Carbon Tetrachloride | ND | ND | 0.0001 | 0.0% |
| Benzene | ND | ND | 0.0001 | 0.0% |
| 1,2-Dichloroethane | ND | ND | 0.0001 | 0.0% |
| Trichloroethene | ND | ND | 0.0003 | 0.0% |
| Tetrachloroethene | ND | ND | 0.0005 | 0.0% |
| Chlorobenzene | ND | ND | 0.0003 | 0.0% |
| 1,4-Dichlorobenzene | ND | ND | 0.0002 | 0.0% |

ND - Parameter not detected at the stated detection limit.

References:

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

Comments:

Analyst

/ Wristine m Waters Review

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CHEATOMICAL SOLUTIONS JOEA DEADER COMPLETENCE

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

| Client: | QA/QC | Project #: | N/A |
|---------------------|--------------|-----------------|----------|
| Sample ID: | Matrix Spike | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Analysis Requested: | TCLP | Date Analyzed: | 06-09-03 |
| Condition: | N/A | Date Extracted: | 06-06-03 |

| 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 | 0.0495 | 0.0001 | 99.0% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 98.8% | 43-143 |
| 2-Butanone (MEK) | ND | 0.050 | 0.0498 | 0.0001 | 99.6% | 47-132 |
| Chloroform | ND | 0.050 | 0.0500 | 0.0001 | 100.0% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 43-143 |
| Benzene | ND | 0.050 | 0.0498 | 0.0001 | 99.6% | 39-150 |
| 1,2-Dichloroethane | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99.0% | 26-162 |
| Chlorobenzene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99.0% | 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:

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Review

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EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

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| Client: | QA/QC | Project #: | N/A |
|-----------------------|------------------|---------------------|------------|
| Śample ID: | Laboratory Blank | Date Reported: | 06-09-03 |
| Laboratory Number: | 06-09-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 06-09-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| Analytical Results | | Detection | Regulatory |
| Demonstern | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND | 0.020 | 2.0 |
| 2,4,5-Trichlorophenol | ND | 0.020 | 400 |
| | | | |

ND - Parameter not detected at the stated detection limit.

Pentachlorophenol

| 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.

ND

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.

0.020

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

Comments: QA/QC for sample 25818.

Analyst

Mistine m Walters Review

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EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|---------------|---------------------|----------|
| Sample ID: | Method Blank | Date Reported: | 06-09-03 |
| Laboratory Number: | 06-06-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-06-03 |
| Condition: | Cool & Intact | Date Analyzed: | 06-09-03 |
| | | Analysis Requested: | TCLP |
| | | | |

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

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | | Parameter | Percent Recovery |
|-----------------------|--------------|--|-----------------------------------|
| | | 2-Fluorophenol
2,4,6-Tribromophenol | 99%
99% |
| References: | | I, Toxicity Characteristic Leaching Procedure
346, USEPA, July 1992. | Test Methods for Evaluating Solid |
| | |), Separatory Funnel Liquid-Liquid Extraction,
346, USEPA, July 1992. | Test Methods for Evaluating Solid |
| | Method 8040 |), Phenols, Test Methods for Evaluating Solid | Waste, SW-846, USEPA, Sept. 1986. |
| Note: | Regulatory L | imits based on 40 CFR part 261 subpart C se | ction 261.24, July 1, 1992. |
| Comments: | | sample 25818. | |

Analyst

Mistine Mulaeters Review

ENVIROTECHANBS

PRACTICAL SOLUTIONS BOR A BETTER TOUTORINGW?

EPA METHOD 8040 PHENOLS Quality Assurance Report

| | | · · · · | |
|--------------------|------------------|---------------------|----------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | Matrix Duplicate | Date Reported: | 06-09-03 |
| Laboratory Number: | 25818 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-06-03 |
| Condition: | Cool & Intact | Date Analyzed: | 06-09-03 |
| | | 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 C
Waste, SW-846, USEPA | haracteristic Leaching Procedure Test
A, July 1992. | Methods for Evaluating Solid |
| | Method 3510, Separator
Waste, SW-846, USEPA | y Funnel Liquid-Liquid Extraction, Test
, July 1992. | Methods for Evaluating Solid |
| | Method 8040, Phenols, ⁻ | Test Methods for Evaluating Solid Wast | e, 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 2 | 25818 | |

L. Analyst

/ Mistine m Watters Review



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

| | 0.1/00 | | |
|--------------------|-----------------------------|---------------------|-------------------|
| Client: | QA/QC | Project #: | N/A |
| Sample ID: | Laboratory Blank | Date Reported: | 06-09 - 03 |
| Laboratory Number: | aboratory Number: 06-09-TBN | | N/A |
| Sample Matrix: | Hexane | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | N/A |
| Condition: | N/A | Date Analyzed: | 06-09-03 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | | Parameter | Percent Recovery | | | | |
|---------------------------|------------------------|--|----------------------------|--|--|--|--|
| | | 2-fluorobiphenyl | 96% | | | | |
| References: | | Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. | | | | | |
| | | ory Funnel Liquid-Liquid Extraction, S
matics and Cyclic Ketones, SW-846, | | | | | |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C seci | tion 261.24. July 1, 1992. | | | | |

Comments:

Review Review

ENVIROTECH ABS

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

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0.13

0.13

| Client: | QA/QC | Project #: | N/A |
|--------------------|-----------------|---------------------|------------|
| Sample ID: | Method Blank | Date Reported: | 06-09-03 |
| Laboratory Number: | 06-06-TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 06-06-03 |
| Condition: | Cool and Intact | Date Analyzed: | 06-09-03 |
| | | Analysis Requested: | TCLP |
| | | Det. | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Pyridine | ND | 0.020 | 5.0 |
| Hexachloroethane | ND | 0.020 | 3.0 |
| Nitrobenzene | ND | 0.020 | 2.0 |

0.020

0.020

0.020

ND - Parameter not detected at the stated detection limit.

Hexachlorobutadiene

2,4-Dinitrotoluene

HexachloroBenzene

| tance Criteria | Parameter | Percent Recovery | | | | |
|--|---|---------------------------|--|--|--|--|
| | 2-fluorobiphenyl | 94% | | | | |
| Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. | | | | | | |
| Method 3510, Separato | bry Funnel Liquid-Liquid Extraction, S | SW-846, USEPA; July 1992. | | | | |
| Method 8090, Nitroaror | natics and Cyclic Ketones, SW-846, | , USEPA, Sept. 1986. | | | | |
| Deculatory Limita haaa | d on 40 CER not 261 Subnat C and | ation 261.24 July 1, 1002 | | | | |
| Regulatory Limits based | d on 40 CFR part 261 Subpart C sec | ction 261.24, July 1, 1 | | | | |
| 1 | Method 3510, Separato
Method 8090, Nitroaror | 2-fluorobiphenyl | | | | |

Comments:

QA/QC for sample 25818.

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Review Review

ENVIROTECH LABS

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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: | 06-09-03 | |
| Laboratory Number: | 25818 | Date Sampled: | | N/A |
| Sample Matrix: | TCLP Extract | Date Received | ; | N/A |
| Preservative: | N/A | Date Extracted | | 06-06-03 |
| Condition: | N/A | Date Analyzed: | | 06-09-03 |
| | | Analysis Reque | ested: | TCLP |
| | Sample | Duplicate | | Det. |
| | Result | Result | Percent | Limit |
| Parameter | (mg/L) | (mg/L) | Difference | (mg/L) |
| Pyridine | ND | ND | 0.0% | 0.020 |
| Hexachloroethane | ND | ND | 0.0% | 0.020 |
| Nitrobenzene | ND | ND | 0.0% | 0.020 |
| Hexachlorobutadiene | ND | ND | 0.0% | 0.020 |
| 2,4-Dinitrotoluene | ND | ND | 0.0% | 0.020 |
| 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, Separato | ry Funnel Liquid-Liquid Extraction, SV | V-846, USEPA, July 1992. | | | | | |
| | Method 8090, Nitroaror | natics and Cyclic Ketones, SW-846, U | ISEPA, Sept. 1986. | | | | | |
| Note: | Regulatory Limits based | d on 40 CFR part 261 Subpart C secti | on 261.24, July 1, 1992. | | | | | |

Comments:

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Review Review

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | QA/QC | | Project # | t: | | N/A | |
|---------------------|---|-------------------------------|--|---|-----------------|------------|------------|--|
| Sample ID: | | 06-10-TCM QA/QC | | Date Rep | ported: | | 06-10-03 | |
| Laboratory Number: | | 25818 | | Date Sar | mpled: | | N/A | |
| Sample Matrix: | | TCLP Extra | act | Date Red | ceived: | | N/A | |
| Analysis Requested: | | TCLP Meta | ls | Date Ana | alyzed: | | 06-10-03 | |
| Condition: | | N/A | | Date Ext | racted: | | 06-06-03 | |
| | | | | | | | | |
| ; Blank & Duplicate | 1 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 X 1 | | and the second second second second second second second second second second second second second second second | on 🔬 📣 Sampl | e Duplicat | 1 | Accéptance | |
| Conc. (mg/L) | Blank | energe een suitsitete ers ers | | A SACAR SACAR SALAR AND A SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR SACAR S | Southern States | Difference | Range | |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 1.15 | 1.14 | 0.9% | 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 | ND | ND | 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 | www. | Spike | Sample | e Spiked | 1 Percent | | Acceptance | |
| Conc. (mg/L) | lanis (197
Ling 1976) | Added | | Sample | e Recover | y 👘 | Range | |

| Arsenic | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
|----------|-------|------|-------|--------|------------|
| Barium | 0.500 | 1.15 | 1.64 | 99.4% | 80% - 120% |
| Cadmium | 0.500 | ND | 0.498 | 99.6% | 80% - 120% |
| Chromium | 0.500 | NÐ | 0.499 | 99.8% | 80% - 120% |
| Lead | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
| Mercury | 0.050 | ND | 0.050 | 100.0% | 80% - 120% |
| Selenium | 0.500 | ND | 0.499 | 99.8% | 80% - 120% |
| Silver | 0.500 | ND | 0.501 | 100.2% | 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:

Analyst

Mistini ny Water

CHAIN OF CUSTODY RECORD

| Client / Project Name | | | Project Location | | | | | 1۵ | | PARA | METERS | 2 | | | |
|--------------------------------|----------------|----------------|-------------------|---------------------------------------|----------------------|-----------------|----------|-----------|----------|------|--------|--------------|----------------|------------|------------|
| Conoco Thillips
Sampler: | | | Federal | | | | | | | | | . | | | |
| Sampler: | | | Client No.
960 | 52-00ta | No. of
Containers | TCUP
4/1 HEP | | | | | _ | Ren | narks | | |
| Sample No./.
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | Cont | 23 | | | | | | | | | |
| (| 6/4/03 | | 35318 | Soil | 1 | L | | | | | | | | | С |
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Farmington, New | | |)1 | | | | Rece | eived Intact | L | | |
| | | | | (505) 632 | -0615 | | | | | | Cool - | Ice/Blue Ice | L | | |

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|---|---|---|
| State of New Mexico
Energy Minerals and Natural Reson | irces | Form C-138
Revised March 17, 1999 |
| Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | | Submit Original
Plus 1 Copy
to Appropriate
District Office |
| R APPROVAL TO ACCER | T SOLID WASTE | |
| 1 | 4. Generator: Transwes | tern Pipeline Co. |
| No 🛛 | 5. Originating Site: San | Juan Station |
| tech Soil Remediation Facility, | 6. Transporter: Terraco | n |
| Highway 64, Farmington, NM | 8. State: New Mexico | |
| STR) Lot 41 CR 4935, | Project #98063-018 | |
| d exempt wastes will be accompanied h | v a certification of waste from | the Generator: |
| | Energy Minerals and Natural Reson
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505
R APPROVAL TO ACCEP
No 🖾
Metech Soil Remediation Facility,
Highway 64, Farmington, NM
STR) Lot 41 CR 4935, | State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 R APPROVAL TO ACCEPT SOLID WASTE 1 No Ø 5. Originating Site: San otech Soil Remediation Facility, Highway 64, Farmington, NM 8. State: New Mexico |

one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chamical analysis to PROVE the material is not begindly and the Concentrate antification of origin. No waste classified between the listing or testing will be

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:

Lubricating oil that leaked onto ground from turbine.

CWS & analytical attached.

Duplicate

| Estimated Volumecy | Known Volume (to be ente | red by the operator at the end of the haul) | Cy |
|----------------------------|--|---|---|
| SIGNATURE Management | acility Authorized Agent | TITLE: Environmental Administrative Assis | stant DATE: <u>06/11/03</u> |
| TYPE OR PRINT NAME: Land | rea Jackson TELEPHO | ne no: <u>(505) 632-0615</u> | 0
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| APPROVED BY: | my toent | | DATE: 6/11/03 |
| APPROVED BY: | 5 <u>5</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> | TITLE: Environment bedegist D | DATE: <u>6-20-03</u> |

| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 Oil Conservation Division 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | urces Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|
| REQUEST FOR APPROVAL TO ACCER | PT SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖂 | 4. Generator: Transwestern Pipeline Co. |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: San Juan Station |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Terracon |
| 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) Lot 41 CR 4935,
Bloomfield | Project #98063-018 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by a material is not-hazardous and the Generator's certification of origin. No waste of approved | necessary chemical analysis to PROVE the classified hazardous by listing or testing will be |
| All transporters must certify the wastes delivered are only those consigned for trans | sport. |
| BRIEF DESCRIPTION OF MATERIAL:
Lubricating oil that leaked onto ground from turbine.
CWS & analytical attached. | ALL 202 ST WEITER |
| Estimated Volume cy Known Volume (to be entered by the operator at the e | end of the haul)cy |
| SIGNATURE Management Facility Authorized Agent TITLE: Environmental
Waste Management Facility Authorized Agent TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | Administrative Assistant DATE: <u>06/11/03</u> |
| (This space for State Use) | |

| (This space for State Use) | | | |
|----------------------------|--------|-------------|----------------|
| | | ENF | rulan |
| APPROVED BY: Denny teny | TITLE: | Enviro/Engr | DATE: $6/1/03$ |
| | | | |
| 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

2. Destination Name: 1. Generator Name and Address Transwestern Ripeline Co. Envirotech Inc. Soil Remediation Facility Landfarm #2 Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR): Originating Site (name): San Juan Station CR 4935, Lot 41, Bloomfield, nm 87413 attach list of originating sites as appropriate Source and Description of Waste ubricating oil from turbing leak onto ground. CHRIS GASTON 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) NON-EXEMPT oilfield waste which is non-hazardous by characteristic **EXEMPT** oilfield waste 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): ____Other (description **MSDS** Information VRCRA 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: SR OFM Tech Date: 6-10-03

TRACE METAL ANALYSIS

| Client: | Terracon | Project #: | 98063-018 | |
|--------------------|---------------|------------------|-------------|--|
| Sample ID: | Coolers | Date Reported: | 06-05-03 | |
| Laboratory Number: | 25778 | Date Sampled: | 06-03-03 | |
| Chain of Custody: | 10970 | Date Received: | 06-03-03 | |
| Sample Matrix: | Soil | Date Analyzed: | 06-05-03 | |
| Preservative: | Cool | Date Digested: | 06-04-03 | |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals | |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) |
|-----------|--------------------------|--------------------------|-------------------------------------|
| | | 0.004 | |
| Arsenic | 0.026 | 0.001 | 5.0 |
| Barium | 0.931 | 0.001 | 100 |
| Cadmium | 0.002 | 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 | 0.012 | 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:

Transwestern Bloomfield.

Analyst

Ustini M Walters Review

FNV ROTICE LABS

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project # | : | N/A | | |
|-----------------------------------|----------------------------|--|--------------------|-----------|-----------|------------|-------------------|--|
| Sample ID: | | 06-05-TM | 06-05-TM QA/QC | | orted: | | 06-05-03 | |
| Laboratory Number: | | 25778 | | Date San | npled: | | N/A | |
| Sample Matrix: | | Soil | | Date Rec | eived: | | N/A | |
| Analysis Requested: | | Total RCR | A Metals | Date Ana | lyzed: | | 06-05-03 | |
| Condition: | | N/A | | Date Dige | ested: | | 06-04-03 | |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank (mg/L) | you the second sec | Detection
Limit | Sample | Duplicate | %
Diff. | Acceptance | |
| Arsenic | ND | ND | 0.001 | 0.026 | 0.026 | 0.0% | Range
0% - 30% | |
| Barium | ND | ND | 0.001 | 0.931 | 0.928 | 0.3% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 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 | 0.012 | 0.012 | 0.0% | 0% - 30% | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |

| Arsenic | 0.500 | 0.026 | 0.525 | 99.8% | 80% - 120% |
|----------|-------|-------|-------|-------|------------|
| Barium | 0.500 | 0.931 | 1.42 | 99.2% | 80% - 120% |
| Cadmium | 0.500 | 0.002 | 0.501 | 99.8% | 80% - 120% |
| Chromium | 0.500 | 0.001 | 0.500 | 99.8% | 80% - 120% |
| Lead | 0.500 | 0.001 | 0.500 | 99.8% | 80% - 120% |
| Mercury | 0.050 | ND | 0.049 | 98.0% | 80% - 120% |
| Selenium | 0.500 | 0.012 | 0.511 | 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 25778, 25792 - 25795.

Analyst

Malters ______ Ręview

Envirotech Labs

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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SUSPECTED HAZARDOUS WASTE ANALYSIS

| Client: | Terracon | Project #: | 98063-018 | | | |
|-------------------------------|--|---|-----------|--|--|--|
| Sample ID: | Coolers | Date Reported: | 06-04-03 | | | |
| Lab ID#: | 25778 | Date Sampled: | 06-03-03 | | | |
| Sample Matrix: | Soil | Date Received: | 06-03-03 | | | |
| Preservative: | Cool | Date Analyzed: | 06-04-03 | | | |
| Condition: | Cool and Intact | Chain of Custody: | 10970 | | | |
| Parameter | Result | | <i>:</i> | | | |
| | | | | | | |
| IGNITABILITY: | Negative | | | | | |
| CORROSIVITY: | Negative | pH = 7.26 | | | | |
| REACTIVITY: | Negative | | | | | |
| RCRA Hazardous Waste Criteria | | | | | | |
| Parameter | Hazardous Waste Criteri | Dn | | | | |
| 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>i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5</i>) | | | | | |
| 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, 199 | 2. | | | |
| Comments: | Transwestern Bloor | nfield. | | | | |

Analyst C. Cerfinen

m Walters Review

CHAIN OF CUSTODY RECORD

10970

| Client / Project Name | | | Project Location | | | | | | م | NALYSI | S / PARA | AMETERS | | | ¢ | • |
|--------------------------|----------|--------|------------------|-------|--------------|----------------------|----------------|-----------|-----------|----------|----------|-------------|-----------|---------|----------|-----|
| Terracon | · | | Transwe: | stern | Bloomfield | | r | ···· | | | | | | | | |
| Sampler: | | | Client No. | | 19 | Ser | \$ | | | | | | Rei | marks | | |
| Auto | | | 980 | 63-01 | 8 | No. of
ontaine | \$ \$ | 7 | | | | | | | | |
| Sample No./ | Sample | Sample | Lab Number | | Sample | No. of
Containers | leef
metals | Re | ł | | | | | | | |
| Identification | Date | Time | | | Matrix | | | | | | | | | | <u>-</u> | |
| Pig Launcher | 10/3/03 | 12:00 | | | Socie | | | | 12 | | | | | | | |
| Coolers | 6303 | ł | 25778 | | 1 | 1 | \bigvee | \bigvee | | | | | | | | |
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| Relinquishød by: (\$igna | ature) | | | Date | Time Re | çeived by: | (Signat | ure) | | <u> </u> | | ·I | | Date | Т | ime |
| Mike AM | | | | 6-3 | 12izu | A / | tL | N. | 5 | | | | | 3/03 | 17. | 20 |
| Relinquished by: (Signa | | | | | | ceived by | | | | | | | | 4 | 10 | |
| | | | · · | | <u> </u> | | | · | - <u></u> | <u> </u> | | | | | | |
| Relinquished by: (Signa | ature) | | | | Re | ceived by | : (Signat | ure) | | | | | | | | |
| | <u> </u> | | | | | | | <u> </u> | | | | - <u>}</u> | | | | |
| | | | | EN | /IROTE | | | C | | | | | Sample R | leceipt | | |
| | | | | | | | | | | | | | | Y | N | N/A |
| | | | | | 5796 U.S. H | | | | | | | | | | | |
| 6 | | | | Farm | nington, New | Mexico | o 8740 |)1 | | | | Received | 1 Intact | | <u> </u> | |
| 5 | | | | | (505) 633 | 2-0615 | | | | • | | Cool - Ice/ | /Blue Ice | 1 . | | |

| state of New Mexico | C ALL CONTRACTOR |
|---|--|
| District II Energy Minerals and Natural Resources | urces Revised March 17, 1999 |
| 1301 W. (/ , Artzin, NM 86210
District III Oil Conservation Division | Submit Original |
| 1900 Rie Brazes Road, Azlee, NM 87410
District IV 1220 South St. Francis Dr. | Mines 1 25 and |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | District Office |
| REQUEST FOR APPROVAL TO ACCEP | PT SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Transwestern Pipeline Co. |
| Verbal Approval Received: Yes 🗌 No 🔯 | 5. Originating Site: San Juan Station |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Terracon |
| 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) Lot 41 CR 4935,
Bloomfield | Project #98063-018 |
| 9. Circle One: | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by a material is not-hazardous and the Generator's certification of origin. No waste c approved | accessary chemical analysis to PROVE the |
| All transporters must certify the wastes delivered are only those consigned for trans | moert. |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Lubricating oil that leaked onto ground from turbine. | |
| CWS & analytical attached. | NO |
| | imacon |
| | |
| | |
| | Son Standard |
| | |
| Estimated Volume cy Known Volume (to be entered by the operator at the en | nd of the haul) cy |
| SIGNATURE MANAgranent Fuelling Authorized Agent TITLE: Environmental | Administrative Assistant DATE: 06/11/03 |
| | 5 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | ରେ <mark>କ</mark> େମ୍ବର
ଅନ୍ତର୍ଭ କରୁ |
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| (This space for State Use) | ~ |
| APPROVED BY: Dony 7000 TITLE: Envirof. | Engr DATE: 6/11/03 |
| APPROVED BY: Minth 5 5/2 . TILE: Environm | nh/ balaist DATE 6-20-03 |
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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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾 | 4. Generator: Transwestern Pipeline Co. |
|--|---|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: San Juan Station |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Terracon |
| 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) Lot 41 CR 4935,
Bloomfield | Project #98063-018 |

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:

Lubricating oil that leaked onto ground from turbine.

cy

CWS & analytical attached.

See Martyne's Approval - This was bstin OCD office (Az

Estimated Volume

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

TITLE: Environmental Administrative Assistant DATE: 06/11/03 SIGNATURE NU Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|-------------------------|---------------|
| APPROVED BY: Denne teen | TITLE: Envivo/ Engl | DATE: 6/11/03 |
| APPROVED BY: | TITLE: <u>geologist</u> | DATE: 1-19-3 |



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: Janowestern Ripeline Envirotech Inc. Soil Remediation Facility (n)Landfarm #2 n BDX 399 Hilltop, New Mexico Location of the Waste (Street address &/or ULSTR): Originating Site (name): san Juan Station Bloomfield, nm 87413 CR 4935, Hot 41 attach list of originating sites as appropriate Source and Description of Waste ing oil from turking leak onto ground. CHRIS GASTON 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) NON-EXEMPT oilfield waste which is non-hazardous by characteristic **EXEMPT** oilfield waste 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 **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: SR OD In Tech Date: 6-10-03

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

TRACE METAL ANALYSIS

| · · · · · · · · · · · · · · · · · · · | | | |
|---------------------------------------|---------------|------------------|-------------|
| Client: | Terracon | Project #: | 98063-018 |
| Sample ID: | Coolers | Date Reported: | 06-05-03 |
| Laboratory Number: | 25778 | Date Sampled: | 06-03-03 |
| Chain of Custody: | 10970 | Date Received: | 06-03-03 |
| Sample Matrix: | Soil | Date Analyzed: | 06-05-03 |
| Preservative: | Cool | Date Digested: | 06-04-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) |
|-----------|--------------------------|--------------------------|-------------------------------------|
| •
• | 0.000 | 0.004 | |
| Arsenic | 0.026 | 0.001 | 5.0 |
| Barium | 0.931 | 0.001 | 100 |
| Cadmium | 0.002 | 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 | 0.012 | 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:

Transwestern Bloomfield.

Ánalyst

Mistini Malters Review [·]

ENV ROTEC PLABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project #: | | | N/A | |
|---------------------|---------------------------|----------------|-------------------|----------------|----------------|------------|---------------------|--|
| Sample ID: | | 06-05-TM QA/QC | | - | Date Reported: | | 06-05-03 | |
| Laboratory Number: | | 25778 | | Date Sam | | | N/A | |
| Sample Matrix: | | Soil | | Date Received: | | | N/A | |
| Analysis Requested: | | Total RCR | A Metals | Date Analyzed: | | 06-05-03 | | |
| Condition: | | N/A | | Date Dige | sted: | | 06-04-03 | |
| | Instrument
Blank (mg/L | | Detectio
Limit | n Sample | Duplicate | %
Diff. | Acceptance
Range | |
| Arsenic | ND | , ND | 0.001 | 0.026 | 0.026 | 0.0% | 0% - 30% | |
| Barium | ND | ND | 0.001 | 0.931 | 0.928 | 0.3% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 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 | 0.012 | 0.012 | 0.0% | 0% - 30% | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Spike | | Spike | Sample | | | | Acceptance | |
| Conc. (mg/L) | | Added | | Sample | Recovery | | Range | |
| Arsenic | | 0.500 | 0.026 | 0.525 | 99.8% | | 80% - 120% | |
| Barium | | 0.500 | 0.931 | 1.42 | 99.2% | | 80% - 120% | |
| Cadmium | | 0.500 | 0.002 | 0.501 | 99.8% | | 80% - 120% | |
| Chromium | | 0.500 | 0.001 | 0.500 | 99.8% | | 80% - 120% | |
| Lead | | 0.500 | 0.001 | 0.500 | 99.8% | | 80% - 120% | |
| Mercury | | 0.050 | ND | 0.049 | 98.0% | | 80% - 1 20% | |
| Selenium | | 0.500 | 0.012 | 0.511 | 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 25778, 25792 - 25795.

Analyst

Mistine Malters Review

ENVIROTEC, LABS

PRACTICAL SOLUTIONS FOR A BETTIER TOMORIOW

.

SUSPECTED HAZARDOUS WASTE ANALYSIS

| | | · | | | |
|----------------------------|--|---------------------------|-----------|--|--|
| Client: | Terracon | Project #: | 98063-018 | | |
| Sample ID: | Coolers | Date Reported: | 06-04-03 | | |
| Lab ID#: | 25778 | Date Sampled: | 06-03-03 | | |
| Sample Matrix: | Soil | Date Received: | 06-03-03 | | |
| Preservative: | Cool | Date Analyzed: | 06-04-03 | | |
| Condition: | Cool and Intact | Chain of Custody: | 10970 | | |
| Parameter | Result | | | | |
| IGNITABILITY: | Negative | | | | |
| CORROSIVITY: | Negative | pH = 7.26 | | | |
| REACTIVITY: | Negative | | | | |
| RCRA Hazardous Waste Crite | eria . | | | | |
| Parameter | Hazardous Waste Criter | 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. | | | | |
| | | mfield. | | | |

CHAIN OF CUSTODY RECORD

10970

| Client / Project Name | Project Location | | | 1 | ANALYSIS / PARAMETERS | | | | | | | | | | | |
|-------------------------------|-------------------------|----------------|------------|-------------|-----------------------|----------------------|----------------|--------------|---|-------------|------|----------------|--------------|---|----------|----------|
| Terracon | Transwestern Bloomfield | | 7 |
 | | | | | | | | | | | | |
| Sampler: | | | Client No. | 63-01 | 18 | ers | \$ | | ł | | | | Rer | narks | | |
| Redel | | ····· | 780 | | | No. of
Containers | 4 p | 5 | | | | | | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | | Sample
Matrix | 2 5 | lceA
metals | Rel | | | 1 | | | | | |
| Pig Launcher | 1013103 | 12:00 | | | JACE | | | | 2 | 1 | | | | | | |
| Coolers | 6/3/03 | | 25778 | | 1 | 1 | \checkmark | \checkmark | | | | | | | | |
| | | | | | | ····- | 4 | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| | | | | Date | Time R | | (0) == = = = | | | | | | | ate | <u> </u> | me |
| Relinquished by: (Signature) | | | | 6-3 | IZIZU / | eceived by: | | - A | 5 | | | | | 410
103 | | πe
20 |
| Relinquished by: (Signatu | ure) | | | | | eceived by: | | | | | | | | <u>, , , , , , , , , , , , , , , , , , , </u> | 1 | |
| Relinquished by: (Signati | ure) | | · | - | R | eceived by: | (Signate | ure) | | | | | | | | |
| | | | <u></u> | | | | | | | | | 1 | | | | |
| | | | | | /IROT | | | <u>C</u> | | | | | Sample Re | · · | <u> </u> | |
| 579 | | | | 5796 U.S. F | liohway | 64 | | | | | | | Y | N | N/A | |
| | | | | Farm | nington, Nev | v Mexico | 8740 | 1 | | | | Rec | eived Intact | | | <u> </u> |
| | | | | (505) 632 | | | 0615 | | | | Cool | - Ice/Blue Ice | | | | |

| District Ì |
|---|
| 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 |

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🛄 | 4. Generator: Merrion Oil and Gas |
|--|-----------------------------------|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Corrales #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) "O" Sec 3, T20N, R6W, McKinley County | Project #03048-005 |

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:

Separator pit bottoms generated during site cleanup activities.

CWS attached.



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

> TITLE: Environmental Administrative Assistant DATE: 06/02/03

SIGNATURE Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|---------------|
| APPROVED BY: Demytour | TITLE: Enviro/Engr | DATE: 6/03/03 |
| APPROVED BY: Chan Hern | TITLE: DePitz 1026 | DATE: 6/23/03 |

5- 2-03; 8:18AM;ENVIROTECH

;5050321805

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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

3/1

12

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address
Mercion Qil+Gas Proper
610 Re: 14 AJE | |
|--|--|
| Farmington INM 8740 | Hilltop, New Mexico |
| 3. Originating Site (name):
COTCOLES H)
SW SE SEC 3 T2ON R & W
McKinley Co, NM
attach list of originating sites as appropriate | Location of the Waste (Streat address &/or ULSTR): |
| 4. Source and Description of Waste
Scretor P;+ Bo+ | TOMS |
| I, George Sharpe
Print Name | representative for : |
| $\frac{MerrieR}{Conservation and Recovery Act (RCRA) and Environmental described waste is: (Check appropriate classification)$ | $\underline{\mathcal{C}}$ $\underline{\mathcal{C}}$ do hereby certify that, according to the Resource
Protection Agency's July, 1988, regulatory determination, the above |
| 30 | N-EXEMPT oilfield waste which is non-hazardous by characteristic
alysis or by product identification |
| and that nothing has been added to the exempt or non-exempt
For NON-EXEMPT waste the following documentation is at
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | tached (check appropriate items):
Other (description |
| This waste is in compliance with Rogulated Levels of Natu
NMAC 3.1 subpart 1403.C and D. | rally Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): O corge Sha
Title: Twestment Manager
Date: 6-2-03 | <u></u> |
| Oil Conservation Division * 1 | 000 Rio Brazos Road * Aztec, New Mexico 87410 |

Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.einnrd.state.nm.us

Submit Original Plus 1 Copy to Appropriate District Office

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Merrion Oil and Gas |
|---|------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Noo Navajo #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) "A" Sec 13, T20N, R6W,
McKinley County | Project #03048-005 |

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:

Separator pit bottoms generated during site cleanup activities.

CWS attached.



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

TITLE: Environmental Administrative Assistant DATE: 06/02/03

SIGNATURE Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|---|--|
| APPROVED BY: Denny ferry | TITLE: Enviro/Engr DATE: 6/03/03 | |
| APPROVED BY Charle Herr | TITLE: Doping at 6 in checks & DATE 6/03/02 | |

5- 2-03; 8:18AM; ENVIROTEL

;5056321865



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary

Date:

Lori Wrotenbery Director **Oil Conservation Division**

2/ 13 3

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CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|--|
| Merrion Oil + Gas properties | Envirotech Inc. Soil Remediation Facility |
| bloreilly AUC | Landfarm #2 |
| F GALLAR 0 NAN 87401 | Hilltop, New Mexico |
| Farmington, NM 87401 | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| NOONQUQJO #1 | |
| NENE SECISTZONROW | |
| attach list of originating sites as appropriate | |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| Separator Bit bottoms | |
| | |
| | |
| | |
| | |
| Charge Sharpe | |
| I. GROGE Shanpe
Print Name | representative for : |
| Print Name | |
| Merrion Oil+ Gas Properties | 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) | |
| described waste is. (Check appropriate classification) | |
| X EXEMPT oilfield wasteNON-EXEM | PT 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 -ha | zardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attached (cl | neck appropriate items): |
| | er (description |
| RCRA Hazardous Waste Analysis | 74
19
19
19 |
| Chain of Custody | |
| | - Deligenting Material (NODM) protocont to 20 |
| This waste is in compliance with Regulated Levels of Naturally Occ | mring Radioactive Material (MORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| and alored Directory | |
| Name (Original Signature): | |
| The Transford Mana | |
| Title: Investment / anazin | |
| Date: $6 - 2 - 03$ | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Maxico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

|)
<u>District It</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
Energy Minerals and Natural Resou | Form C-138 |
|---|--|
| Districti IV
1220 S. St. Francis Dr., Santa Fe, NM 87505District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505District IV
1220 South St. Francis Dr.
Santa Fe, NM 87505 | rces Revised March 17, 1999
Submit Origina
Plus 1 Cop
to Appropriat
District Office |
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🖾 Non-Exempt: 🗂 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: SJ 29-6 #301 SWD |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Key |
| 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) "P" Sec 2, T29N, R6W,
Rio Arriba County | Project #96052-034 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by r material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: Drip contaminated soil from gun barrel tank. CWS attached. | necessary chemical analysis to PROVE the
classified hazardous by listing or testing will be
sport. |
| SIGNATURE Hanagement Facility Authorized Agent TITLE: Environmental Waste Management Facility Authorized Agent TELEPHONE NO: (505) 632-0615 | Administrative Assistant DATE: 05/29/0 |
| (This space for State Use)
APPROVED BY: D. Charl Run TITLE: En Monthal How TITLE: En Monthal How TITLE: Of 6 In St | |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop **Cabinet Secretary**

Date:

Lori Wrotenbery Director **Oil Conservation Division**

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|----------|--|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
SJ 29-6 #301 SWD
UNIF P, SLL 2, TZ9N, RLW
350' FSL 3 350' FEL, Rio Arr
attach list of originating sites as appropriate
4. Source and Description of Waste
3 CY Soil from drip tank (| |
| | | |
| I, | Monica D. Rodahl
Print Name | representative for : |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| | vation and Recovery Act (RCRA) and Environmental Protectioned waste is: (Check appropriate classification) | |
| EX | | PT oilfield waste which is non-hazardous by characteristic by product identification |
| and that | nothing has been added to the exempt or non-exempt non -ha | zardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (c
MSDS InformationOth
Oth
Chain of Custody | heck appropriate items):
.er (description |
| | ste is in compliance with Regulated Levels of Naturally Occ
3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name (C | Driginal Signature): Monica D. Asdahl | · · · · · · · · · · · · · · · · · · |
| Title: | HSE & Regulatory Technician | |
| Date: | 5-29-03 | |

District I 7 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗌 | 4. Generator: Compressor Systems Inc. |
|---|--|
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Gonzalez Mesa
Compressor Station |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Paul & Sons |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 87401 | 8. State: New Mexico |
| Location of Material (Street Address or ULSTR) Sect 28, R6W, T26N, 2150' FNL, 1340' FEL, Rio Arriba County | Project #01038-011 |

9. <u>Circle One</u>:

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:

Produced water contaminated soil from a tank that overflowed.

CWS attached.



Estimated Volume _____ cy Known Volume (to be en

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

TITLE: Environmental Administrative Assistant SIGNATURE/ Waste Management Facility Authorized Agent

DATE: 05/28/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| P Structure in the second structure in the second structure is a second structure in the second structure in the second structure is a second structure in the second structure is a second structure in the second structure is a second structure in the second structure is a second structure in the second structure is a second structure in the second structure in the second structure is a second structure in the second structure in the second structure is a second structure in the second structure in the second structure is a second structure in the second structure in the second structure is a second structure in the second structure in the second structure in the second structure in the second structure is a second structure in the second stru
structure in the second structure in the s | |
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| (This space for practice of the second | |
| ADDROVED BY JEWY TOWN TITLE ENVIROL FUGL DATE 6/0 | 3105 |
| APPROVED BY: DEMA CONTINUE FUND/ ENGL DATE 6/0 | 13 |
| | |
| APPROVED BY: Chuht The TITLE: Dekit Od 6 19 slelle DATE: 6/03 | 103 |
| | 4 |

NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONBERVATION DIVISION AZTEO DISTRICT OFFICE 1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO \$7410 (505) 334-5175 Fex (805)334-5170

PAGE

a. 37

2

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GARY E. JOHNSON GOVERNOR JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | 2. Destination Name: |
|---|--|
| COMPRESSOR SYSTEMS INC | Envirotech Soil Remediation Facility |
| 3995 US HWY 64 | Landfarm #2
Hilltop, New Mexico |
| FARMENGRON N.M 8740/ | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| 3. Originating Site (name):
GONZALEZ MESA COMP. STATEOR | V SECT28 RAWGE GW TREN |
| | 2150 ENL 1340 FEL |
| Attach list of originating sites as appropriate
4. Source and Description of Waste | REO PRREBA N.M. |
| 4. Source and Description of Waste | FIGUED CONTAINEN() |
| CONTAMENATER SOLL FROM A T | ANK THAT OVER FLOWED CONTAINENG |
| PRODUCED WATER | |
| | |
| | |
| | |
| | |
| I, BELLER RAY (Print Name) | representative for: |
| (Print Name) | |
| Row Reverand as Statione The | do hereby certify that, |
| according to the Resource Conservation and Recov | rery Act (RCRA) and Environmental Protection Agency's July, |
| 1988, regulatory determination, the above described | 3 M8210 12: (CUBOK appropriate one entremism |
| X EXEMPT olifield waste NON-EXE analysis | EMPT olifield waste which is non-hazardous by characteristic
or by product identification |
| and that nothing has been added to the exempt or n | non-exempt ong-bezerdous waste defined above. |
| and that nothing has been abded to the exempt of h | |
| For NON-EXEMPT waste the following document | tation is attached (check appropriate items): |
| | Other (description): |
| MSDS Information | |
| | |

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

| Name (Original Signature): | Anto they |
|----------------------------|-----------|
| Title: LEAR SERVICE | JEC |

Date: 5-28-03

| martyne Kieling |
|--|
| RECEIVED Form C-138
revised March 17, 1999
JUN 0 6 2003 Submit Origina
Plus 1 Copy
to Appropriate
District Office |
| PT SOLID WASTE |
| Generator: Universal Compression
Inc. Originating Site: Washbay |
| 6. Transporter: Envirotech |
| 8. State: New Mexico |
| Project #98059-010 |
| by a certification of waste from the Generator;
necessary chemical analysis to PROVE the
classified hazardous by listing or testing will be
nsport. |
| end of the haul) \underline{S}_{cy}
al Administrative Assistant DATE: 05/27/0
15
$0/E_{rg} = DATE: 6/03/03$ |
| |

| | 1 |
|--|---|
| District II Energy Minerals an 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conserva District III 000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 South S | ew MexicoForm C-138d Natural ResourcesRevised March 17, 1999ation DivisionSubmit OriginalPlus 1 CopyPlus 1 CopySt. Francis Dr.to AppropriateNM 87505District Office |
| REQUEST FOR APPROVAL | TO ACCEPT SOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖾
Verbal Approval Received: Yes 🗌 No 🖾 | 4. Generator: Universal Compression
Inc.5. Originating Site: Washbay |
| 2. Management Facility Destination: Envirotech Soil Remediat
Landfarm #2 | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farm 87401 | ington, NM 8. State: New Mexico |
| 7. Location of Material (Street Address or ULSTR) 3440 Mornin
Farmington | gstar Drive, Project #98059-010 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be one certificate per job. B. All requests for approval to accept non-exempt wastes must be material is not-hazardous and the Generator's certification of o approved All transporters must certify the wastes delivered are only those c BRIEF DESCRIPTION OF MATERIAL: Washbay water and sludge. CWS, Reaffirmation Statement, and TCLP dated 9/6/02 attaged | accompanied by necessary chemical analysis to PROVE the
rigin. No waste classified hazardous by listing or testing will be
onsigned for transport. |
| Estimated Volume <u>8bbl</u> cy Known Volume (to be entered by the | e operator at the end of the haul)cy |
| SIGNATURE JANAULA K. JULSO TITLE:
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (| Environmental Administrative Assistant DATE: 05/27/03
505) 632-0615 |
| (This space for State Use)
APPROVED BY: Deny Term TITLE
APPROVED BY: | Enviro/Engrander DATE: 6/03/03 |

7-11-01: 2:24PM; ENVIROT

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5053255027



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

ression

GARY E. JOHNSON GOVERNOR OIL CONSERVATION DI ATTEC DISTRICT OFI 1000 RIO BRAZOS RI AZTEC. NEW MEXICO (506) 334-5178 Fex (505);

JENNIFER A. SALISBI CABINET SECRETA

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address:
UNIVERSAL COMPRESSION, INC.
3440 MORNINGSTAR DRIVE
FARMINGTON, NM 87401 | 2. Destination Name:
Envirotech Soll Remediation Facility
Landarm #2
Hilltop, New Mexico |
|---|---|
| 3. Originating Site-Iname): | Location of the Waste (Street address &/or ULSTB): |
| UNIVERSAL COMPRESSION, INC.
3440 MORNINGSTAR DRIVE
FARMINGTON; NM 87401
Attach list of engineding bitas as approprieto | (washbay) |
| 4. Source and Description of Waste | |
| sludge fróm washbay | |
| | |

representative for: (Print Name)

UNIVERSAL Compression, Inc. 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 _____ 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): Date

5-29-03: 2 15PM; ENVIAOTECH

RESSION

5053255027



REAFFIRMATION OF WASTE STATUS / NON-EXEMPT WASTE

I hereby certify that the attached Request For Approval and Certificate of Waste Status are for materials generated using the same procedures and equipment employed to generate the waste on which Toxicity Characteristic Leaching Procedures (TCLP) analysis was performed. I further certify that said material is from operations in the immediate Four Corners area.

| | ļ | | • | |
|-----|------------|----|--------------|-----------------|
| Da | te of TCL | P | 9/6/0 | 5 |
| Pr | inted Nan | ne | DouglasA | 1. Clapper |
| Ti | le / Ageni | су | Lead Mech. (| Juiversal Compi |
| Aq | Idress | 13 | 440 MorNin | STARDA |
| | | F | tomington, A | J. M 8740 |
| Sie | gnature | -4 | auglas M. C. | 2 horas |
| Da | te | | 5-23-03 | |
| | | | | |
| | | | | |
| | | I | | |
| | | | | |
| | | • | | |

IROTEC

TER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| | · · · · · · · · · · · · · · · · · · · | | |
|------------------------------|---------------------------------------|---|-----------|
| Client: | Universal Compression | Project #: | 98059-010 |
| Sample ID: | Wash Bay Sludge | Date Réported: | 09-10-02 |
| Lab ID#: | 23776 | Date Sampled: | 09-06-02 |
| Sample Matrix: | Sludge | Date Received: | 09-06-02 |
| Preservative: | Cool | Date Analyzed: | 09-10-02 |
| Condition: | Cool and Intact | Chain of Custody: | 10222 |
| | | | |
| | | | |
| Parameter | Result | | |
| | | | |
| | | | |
| GNITABILITY: | Negative | | |
| | | | · · |
| CORROSIVITY: | Negative | pH = 6.97 | • |
| | | | · · |
| REACTIVITY: | Negative | | |
| CDA Hazardova Manto Critoria | - | | · · · |
| CRA Hazardous Waste Criteria | | | • |
| Parameter | Hazardous Waste Criterion | | |
| | | · · · · · · · · · · · · · · · · · · · | |
| IGNITABILITY: | Characteristic of Ignitability as o | lefined by 40 CFR, Subpart C, Sec. 261.21. | |
| | ÷ . | contact with flame or flash point < 60° C.) | |

CORROSIVITY:

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)

(i.e. pH less than or equal to 2.0 or pH greater than or equal to 12.5)

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

Characteristic of Corrosivity as defined by 40 CFR, Subpart C, Sec. 261.22.

Reference:

Comments:

3440 Morning Star.

actes Analyst

Review

PRACTICAL SOLUTIONS FOR A BETTER TOMORROV

EPA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS

| Client: | Universal Compression | Project #: | 98059-010 |
|--------------------|-----------------------|---------------------|-----------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | 09-06-02 |
| Chain of Custody: | 10222 | Date Received: | 09-06-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 09-09-02 |
| Preservative: | Cool | Date Analyzed: | 09-23-02 |
| 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) | 0.0018 | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | 0.0022 | 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:

Analyst

7 Walters Review

- NIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS

99%

| | | | - |
|--------------------|-----------------------|---------------------|-----------|
| Client: | Universal Compression | Project #: | 98059-010 |
| Sample ID: | Wash Bay Sludge | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | 09-06-02 |
| Chain of Custody: | 10222 | Date Received: | 09-06-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 09-09-02 |
| Preservative: | Cool | Date Analyzed: | 09-23-02 |
| Condition: | Cool & Intact | Analysis Requested: | TCLP |

| Parameter | Concentration
(mg/L) | Detection
Limit
(mg/L) | Regulatory
Limit
(mg/L) |
|-----------------------|-------------------------|------------------------------|-------------------------------|
| | (| (g, _/ | (119/2) |
| 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 | | 1 |
|-----------------------|----------------------------|-----|---|
| | | | 1 |
| | 2-Eluorophenol | 90% | |

2,4,6-Tribromophenol

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

m Walter

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| | | • | |
|--------------------|-----------------------|---------------------|-----------|
| Client: | Universal Compression | Project #: | 98059-010 |
| Sample ID: | Wash Bay Sludge | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | 09-06-02 |
| Chain of Custody: | 10222 | Date Received: | 09-06-02 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 09-09-02 |
| Preservative: | Cool | Date Analyzed: | 09-23-02 |
| 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 | 0.115 | 0.020 | 2.0 |
| Hexachlorobutadiene | ND | 0.020 | 0.5 |
| 2,4-Dinitrotoluene | 0.051 | 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 |
|---------------------------|----------------|------------------|
| | 1 41 41710 101 | reicent Recovery |
| | | |
| | | |

2-fluorobiphenyl

99%

References:

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

Note:

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

Comments:

Analyst

Walter.

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | Universal Compression | Project #: | 98059-010 |
|--------------------|-----------------------|------------------|-------------|
| Sample ID: | Wash Bay Sludge | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | · 09-06-02 |
| Chain of Custody: | 10222 | Date Received: | 09-06-02 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 09-23-02 |
| Preservative: | Cool | Date Extracted: | 09-11-02 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| Parameter | Concentration
(mg/L) | Det.
Limit
(mg/L) | Regulatory
Level
(mg/L) |
|-----------|-------------------------|-------------------------|-------------------------------|
| | | | • |
| Arsenic | 0.016 | 0.001 | 5.0 |
| Barium | 2.84 | 0.001 | 100 |
| Cadmium | 0.004 | 0.001 | 1.0 |
| Chromium | 0.001 | 0.001 | 5.0 |
| Lead | 0.002 | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | 0.004 | 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:

Analyst

Review

ENVIROTECH LABS PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 186

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Laboratory Blank | Date Reported: | 09-23-02 |
| Laboratory Number: | 09-23-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 09-23-02 |
| Condition: | N/A | Analysis Requested: | TCLP |

| | Concentration | Detection
Limit | Regulatory
Limits |
|----------------------|---------------|--------------------|----------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| | ND | 0.0001 | |
| Vinyl Chloride | ND | | 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:

Walters

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| Client: | QA/QC | Project #: | N/A | |
|--------------------|--------------|-------------------------------------|----------|--|
| Sample ID: | Method Blank | Date Reported: | 09-23-02 | |
| Laboratory Number: | 0909-TCV | Date Sampled: | N/A | |
| Sample Matrix: | TCLP Extract | Date Received: | · N/A | |
| Preservative: | N/A | Date Analyzed: | 09-23-02 | |
| Condition: | N/A | Date Extracted: | 09-09-02 | |
| | | 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% | - <u></u> |
| | 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:

Analyst

of Walters Review

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 Dupli | cate | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extrac | xt | Date Received: | N/A |
| Analysis Requested: | TCLP | | Date Analyzed: | 09-23-02 |
| Condition: | NľA | | Date Extracted: | 09-09-02 |
| | | Duplicate | ······ | |
| | Sample | Sample | Detection | |
| | Result | Result | Limits | Percent |
| Parameter | (mg/L) | (mg/L) | (mg/L) | Difference |
| | ND | ND | 0.0001 | |
| Vinyl Chloride | ND | ND | 0.0001 | 0.0% |
| 1,1-Dichloroethene | ND | 0.0018 | 0.0001 | 0.0% |
| 2-Butanone (MEK) | 0.0018 | | | 0.0% |
| Chloroform | ND | ND | 0.0001 | 0.0% |
| Carbon Tetrachloride | ND | ND | 0.0001 | 0.0% |
| Benzene | 0.0022 | 0.0022 | 0.0001 | 0.0% |
| 1,2-Dichloroethane | ND | ND | 0.0001 | 0.0% |
| Frichloroethene | ND | ND | 0.0003 | 0.0% |
| Fetrachloroethene | ND | ND | 0.0005 | 0.0% |
| Chlorobenzene | ND | ND | 0.0003 | 0.0% |
| 1,4-Dichlorobenzene | ND | ND | 0.0002 | 0.0% |
| ,, 2.5 | | | | 5.67 |

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:

Analyst

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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 Spike | | | Date Report | ed: | 09-23-02 |
| Laboratory Number: | 23776 | | | Date Sample | ed: | N/A |
| Sample Matrix: | TCLP Extract | | | Date Receiv | ed: | N/A |
| Analysis Requested: | TCLP | | | Date Analyz | ed: | 09-23-02 |
| Condition: | N/A | | | Date Extract | ed: | 09-09-02 |
| | | | Spiked | | | SW-846 |
| · . | Sample | Spike | Sample | Det. | | % Rec. |
| | Result | Added | Result | Limit | Percent | Accept. |
| Parameter | (mg/L) | (mg/L) | (mg/L) | (mg/L) | Recovery | Range |
| Vinyl Chloride | ND | 0.050 | 0.0495 | 0.0001 | 99% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 99% | 43-143 |
| 2-Butanone (MEK) | 0.0018 | 0.050 | 0.0513 | 0 0001 | 99% | 17-122 |

| 2-Butanone (MEK) | 0.0018 | 0.050 | 0.0513 | 0.0001 | 99% | 47-132 |
|----------------------|--------|-------|--------|--------|------|--------|
| Chloroform | ND | 0.050 | 0.0500 | 0.0001 | 100% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0490 | 0.0001 | 98% | 43-143 |
| Benzene | 0.0022 | 0.050 | 0.0517 | 0.0001 | 99% | 39-150 |
| 1,2-Dichloroethane | ND | 0.050 | 0.0490 | 0.0001 | 98% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99% | 26-162 |
| Chlorobenzene | ND | 0.050 | 0.0495 | 0.0003 | 99% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99% | 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:

Analyst

Walters Review

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Laboratory Blank | Date Reported: | 09-23-02 |
| Laboratory Number: | 09-23-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 09-23-02 |
| Condition: | N/A | Analysis Requested: | TCLP |

| Analytical Results | | Detection | Regulatory |
|-----------------------|---------------|-----------|------------|
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Creșol | 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 23776.

Analyst

Review

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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: | 09-23-02 |
| Laboratory Number: | 09-09-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 09-09-02 |
| Condition: | Cool & Intact | Date Analyzed: | 09-23-02 |
| | | 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 Recove | ries: Parameter | Percent Recovery |
|------------------|---|--------------------------------------|
| | 2-Fluorophenol
2,4,6-Tribromophenol | 99%
99% |
| | Method 1311, Toxicity Characteristic Leaching Procedur
Waste, SW-846, USEPA, July 1992. | e Test Methods for Evaluating Solid |
| | Method 3510, Separatory Funnel Liquid-Liquid Extraction
Waste, SW-846, USEPA, July 1992. | n, Test Methods for Evaluating Solid |
| | Method 8040, Phenols, Test Methods for Evaluating Soli | d Waste, SW-846, USEPA, Sept. 1986. |
| Note: | Regulatory Limits based on 40 CFR part 261 subpart C s | section 261.24, July 1, 1992. |
| Comments: | QA/QC for sample 23776. | |
| Analyst | P. Que An
Review | risting Walters |

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: | 09-23-02 |
| Laboratory Number: | 09-23-TBN | Date Sampled: | N/A |
| Sample Matrix: | Hexane | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | N/A |
| Condition: | N/A | Date Analyzed: | 09-23-02 |
| • | | 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:

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMOBROW

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: | 09-23-02 |
| Laboratory Number: | 09-09-TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 09-09-02 |
| Condition: | Cool and Intact | Date Analyzed: | 09-23-02 |
| | | Analysis Requested: | TCLP |

| · · | ······ | Det. | Regulatory |
|---------------------|---------------|--------|------------|
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (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 | 101% |
| References: | Method 3510, Separatory | naracteristic Leaching Procedure,
/ Funnel Liquid-Liquid Extraction, a
atics and Cyclic Ketones, SW-846, | SW-846, USEPA, July 1992. |
| Note: | Regulatory Limits based | on 40 CFR part 261 Subpart C see | ction 261.24, July 1, 1992. |

Comments:

Analyst

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | 09-09-02 |
| Condition: | N/A | Date Analyzed: | 09-23-02 |
| | | Analysis Requested: | TCLP |

| · · · | Sample | Duplicate | ····· | Det. |
|---------------------|--------|-----------|------------|---------|
| | Result | Result | Percent | Limit |
| Parameter | (mg/L) | (mg/L) | Difference | '(mg/L) |
| Pyridine | ND | ND | 0.0% | 0.020 |
| Hexachloroethane | NĎ | ŇD | 0.0% | 0.020 |
| Nitrobenzene | 0.115 | 0.114 | 0.9% | 0.020 |
| Hexachlorobutadiene | ND | ND | 0.0% | 0.020 |
| 2,4-Dinitrotoluene | 0.051 | 0.051 | 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% |
| Method 3510, Separatory Funnel | | Characteristic Leaching Procedure, SN
pry Funnel Liquid-Liquid Extraction, SN
matics and Cyclic Ketones, SW-846, U | W-846, USEPA, July 1992. |
| Note: Regulatory Limits based | | d on 40 CFR part 261 Subpart C secti | ion 261.24, July 1, 1992. |

Comments:

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|---------------------|-----------------|-----------------|-----------------|
| Sample ID: | 09-23-TCM QA/QC | Date Reported: | 09-23-02 |
| Laboratory Number: | 23776 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Analysis Requested: | TCLP Metals | Date Analyzed: | 09-23-02 |
| Condition: | N/A | Date Extracted: | 09-23-02
N/A |

| Blank & Duplicate
Conc. (mg/L) | /Instrument
Blank | Method
Blank | Detection
Limit | Sample | Duplicate | %
Difference | Acceptance |
|-----------------------------------|----------------------|-----------------|--------------------|--------|-----------|-----------------|-------------------|
| Arsenic | ND | ND | 0.001 | 0.016 | 0.016 | 0.0% | Range
0% - 30% |
| Barium | ND | ND | 0.001 | 2.84 | 2.82 | 0.7% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.004 | 0.004 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 0.0% | 0% - 30% |
| Lead | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% |
| Mercury | ND | ND - | 0.001 | ND | ND · | 0.0% | 0% - 30% |
| Selenium | ND | ND | 0.001 | 0.004 | 0.004 | 0.0% | 0% - 30% |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |

| Spike
Conc. (mg/L) | Spike
Added | Sampl | e Spiked
Sâmple | | Acceptance
Range |
|-----------------------|----------------|-------|--------------------|-------|---------------------|
| Arsenic | 0.500 | 0.016 | 0.515 | 99.8% | 80% - 120% |
| Barium | 0.500 | 2.84 | 3.32 | 99.4% | 80% - 120% |
| Cadmium | 0.500 | 0.004 | 0.503 | 99.8% | 80% - 120% |
| Chromium | 0.500 | 0.001 | 0.500 | 99.8% | 80% - 120% |
| Lead | 0.500 | 0.002 | 0.501 | 99.8% | 80% - 120% |
| Mercury | 0.050 | ND | 0.049 | 98.0% | 80% - 120% |
| Selenium | 0.500 | 0.004 | 0.503 | 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:

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CHAIN OF CUSTODY RECORD

| Client / Project Name
Universal | ressi | ••• | Project Location | whing Eter | • | ANALYSIS / PARAMETERS | | |
|------------------------------------|----------------|----------------|----------------------|------------------|-----------------------------------|-----------------------|----------------|--------------------|
| Sampler:
HARLAN M. | Brown | _ | Client No.
980,50 | 9-010 | No. of
Containers | • . | Remarks | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | | | | |
| Were of | . (. c | 14:3 | 23 | 5 | l | · · · · | | |
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| | | | | | | | | |
| | | | · , | | | | | |
| Re quished by: (Signat | ure) | | | Date Time | F by: S nat re) | | Date
9 | Time
; g |
| Relinquished by: (Signat | ure) | • | | 6 | F J by: Signa | | | 12 |
| Relinquished by: (Signat | ture) | | | | Received by: (Signature) | | | |
| | | | | | TECH INC | | Sample Receipt | |
| | | | | 5796 U. | S. Highway 64
New Mexico 87401 | Receive | Y ed Intact | N N/A |
| | | | | |) 632-0615 | Cool - Ic | e/Blue Ice | |

WED State of New Mexico 625 N. French Dr., Hobbs, NM 88240 Form C-138 **Energy Minerals and Natural Resources** Revised March 17, 1999 District II 1301 W. Grand Avenue, Artesia, NM 88210 MAY 2 7 2003 Submit Original District III Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 Plus 1 Copy 1220 South St. Francis Dr. OIL CONSERVATION to Appropriate District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 District Office Santa Fe, NM 87505 **REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE** 4. Generator: Conoco Phillips 1. RCRA Exempt: Non-Exempt: 🛛 5. Originating Site: CR 4000 South of SJ Verbal Approval Received: No 🖾 Yes 🗌 32-7 #222 2. Management Facility Destination: Envirotech Soil Remediation Facility, 6. Transporter: TBA Landfarm #2 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NM 8. State: New Mexico 87401 7. Location of Material (Street Address or ULSTR) "H" Sec 20, T32N, R7W, Project #96052-033 SJC 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:** Oil stained road dirt of an unknown source. CWS and TCLP attached. Estimated Volume ...5 cy Known Volume (to be entered by the operator at the end of the haul) cy **TITLE: Environmental Administrative Assistant** DATE: 05/20/03 SIGNATURE(Waste Management Facility Authorized Agent TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|------------------------------|---------------|
| APPROVED BY: 1) emp Faint | TITLE: Enviro/Engr | DATE: 5723/03 |
| APPROVED BY: Montenn of H. | TITLE: Environmult Coedinist | DATE: 5/28/03 |
| | | |

| 1000 Rio Brazos Road, Aztec, NM 87410
District IV | 1220 South St. Francis Dr. | Submit Original
Plus 1 Copy | | |
|--|--|--|--|--|
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 | Santa Fe, NM 87505 | to Appropriate
District Office | | |
| REQUEST FO | OR APPROVAL TO ACCEP | T SOLID WASTE | | |
| 1. RCRA Exempt: 🗌 Non-Exempt: | \boxtimes | 4. Generator: Conoco Phillips | | |
| Verbal Approval Received: Yes | | 5. Originating Site: CR 4000 South of SJ 32-7 #222 | | |
| 2. Management Facility Destination: Envi
Landfarm #2 | rotech Soil Remediation Facility, | 6. Transporter: TBA | | |
| 3. Address of Facility Operator: 5796 U.S
87401 | 8. State: New Mexico | | | |
| 7. Location of Material (Street Address or U
SJC | Project #96052-033 | | | |
| 9. <u>Circle One</u> : | | | | |
| 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 d | elivered are only those consigned for trans | port. | | |
| BRIEF DESCRIPTION OF MATERIAL:
Oil stained road dirt of an unknown source. | | | | |
| CWS and TCLP attached. | | | | |
| Estimated Volume <u>.5</u> cy Known Volume | (to be entered by the operator at the end of | f the haul)cy | | |

| SIGNATURE Randrea R. ac | lon III |
|----------------------------------|---------|
| Waste Management Facility Author | |

TITLE: Environmental Administrative Assistant DATE: 05/20/03

r downy ruthorized right

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

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| | | March March 1997 Well a strategy to the State of the Stat |

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96052-033 NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

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;505 599 3442

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|----------|--|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR); |
| | | * 222 |
| | Unit H. Sec. 20, T3IN, R7W | |
| | San Juan County, NM
attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | Oil stained road dirt - 1/ | cubic yard (20 sand bags) |
| | - Unknown Source | |
| | | |
| Į | | · · · · · · · · · · · · · · · · · · · |
| , | | |
| I, | Monica D. Rodahl | representative for : |
| | Print Name | |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| | vation and Recovery Act (RCRA) and Environmental Protection | Agency's July, 1988, regulatory determination, the above |
| describe | ed waste is: (Check appropriate classification) | |
| EX | EMPT oilfield waste | T oilfield waste which is non-hazardous by characteristic |
| | analysis or b | y product identification |
| and that | nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above |
| | nothing has been added to the exempt of non-exempt non-haz | |
| For NO | N-EXEMPT waste the following documentation is attached (ch | |
| | | r (description |
| | Chain of Custody | |
| | <u> </u> | |
| | ste is in compliance with Regulated Levels of Naturally Occu | urring Radioactive Material (NORM) pursuant to 20 |
| | 3.1 subpart 1403.C and D. | |
| Name (C | Driginal Signature): MMULL D. Rodahl | |
| | HSF Technician | |
| Title: | | |
| Date: | 5-16-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

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FOV ROTECHPLABS

SUSPECTED HAZARDOUS WASTE ANALYSIS

| . · · · · · · · · · · · · · · | | | |
|-------------------------------|------------------------------------|--|---|
| Client: | ConocoPhillips | Project #: | 96052-026 |
| Sample ID: | 32-7 Unit Road | Date Reported: | 05-19-03 |
| Lab ID#: | 25680 | Date Sampled: | 05-16-03 |
| Sample Matrix: | Soil | Date Received: | 05-16-03 |
| Preservative: | Cool | Date Analyzed: | 05-16-03 |
| Condition: | Cool and Intact | Chain of Custody: | 10940 |
| Parameter | Result | | • |
| IGNITABILITY: | Negative | | |
| CORROSIVITY: | Negative | pH = 8.93 | |
| REACTIVITY: | Negative | • | |
| RCRA Hazardous Waste Criteria | | | |
| Parameter | Hazardous Waste Criterion | | |
| IGNITABILITY: | | efined by 40 CFR, Subpart C, Sec. 261.21.
contact with flame or flash point < 60° C.) | |
| CORROSIVITY: | - | defined by 40 CFR, Subpart C, Sec. 261.22
) or pH greater than or equal to 12.5) | 2. |
| REACTIVITY: | (i.e. Violent reaction with water, | efined by 40 CFR, Subpart C, Sec. 261.23.
strong base, strong acid, or the generation
s at STP with pH between 2.0 and 12.5) | |
| Reference: | 40 CFR part 261 Subpart C sec | tions 261.21 - 261.23, July 1, 1992. | |
| Comments: | CR 4900, Farmington, NN | | |

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Er ~ METHODS 8010/8020 **AROMATIC / HALOGENATED VOLATILE ORGANICS**

| · · · · · · · · · · · · · · · · · · · | | Detection | Regulatory |
|---------------------------------------|------------------|---------------------|------------|
| Condition: | Cool & Intact | Analysis Requested: | TCLP |
| Preservative: | Cool | Date Analyzed: | 05-19-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 05-16-03 |
| Chain of Custody: | 10940 | Date Received: | 05-16-03 |
| Laboratory Number: | 25680 | Date Sampled: | 05-16-03 |
| Sample ID: | 32 - 7 Unit Road | Date Reported: | 05-19-03 |
| Client: | ConocoPhillips | Project #: | 96052-026 |

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

ND - Parameter not detected at the stated detection limit.

| QA/QC Acceptance Criteria | Parameter | Percent Recovery | |
|---------------------------|----------------------|------------------|--|
| | 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: CR 4900, Farmington, NM.

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TOVIROTICAL SOLUTIONS FOR A FETTER TOMORTOW

EPA METHOD 8040 PHENOLS

| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|------------------|---------------------|-----------|
| Sample ID: | 32 - 7 Unit Road | Date Reported: | 05-19-03 |
| Laboratory Number: | 25680 | Date Sampled: | 05-16-03 |
| Chain of Custody: | 10940 | Date Received: | 05-16-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 05-16-03 |
| Preservative: | Cool | Date Analyzed: | 05-19-03 |
| 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:

CR 4900, Farmington, NM.

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ENVIROTECHELABS

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

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| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|------------------|---------------------|------------|
| Sample ID: | 32 - 7 Unit Road | Date Reported: | 05-19-03 |
| Laboratory Number: | 25680 | Date Sampled: | 05-16-03 |
| Chain of Custody: | 10940 | Date Received: | 05-16-03 |
| Sample Matrix: | TCLP Extract | Date Extracted: | 05-16-03 |
| Preservative: | Cool | Date Analyzed: | 05-19-03 |
| Condition: | Cool and Intact | Analysis Requested: | TCLP |
| | | Det. | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Pyridine | ND | 0.020 | 5.0 |
| Hexachloroethane | ND | 0.020 | 3.0 |
| nexacino dellane | ND | 0.020 | 0.0 |
| Nitrobenzene | ND | 0.020 | 2.0 |

0.020

0.020

ND

ND

ND - Parameter not detected at the stated detection limit.

2,4-Dinitrotoluene

HexachloroBenzene

| QA/QC Acceptance Criteria | | Parameter | Percent Recovery |
|---------------------------|-------------------------|--|----------------------------|
| | | 2-fluorobiphenyl | 99% |
| References: | Method 3510, Separatory | naracteristic Leaching Procedure, S
/ Funnel Liquid-Liquid Extraction, S
atics and Cyclic Ketones, SW-846, 1 | W-846, USEPA, July 1992. |
| Note: | Regulatory Limits based | on 40 CFR part 261 Subpart C sec | tion 261.24, July 1, 1992. |
| | | | |

Comments: CR 4900, Farmington, NM.

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CPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026 |
|--------------------|------------------|------------------|-------------|
| Sample ID: | 32 - 7 Unit Road | Date Reported: | 05-19-03 |
| Laboratory Number: | 25680 | Date Sampled: | 05-16-03 |
| Chain of Custody: | 10940 | Date Received: | 05-16-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 05-19-03 |
| Preservative: | Cool | Date Extracted: | 05-16-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |
| | | · . | |

| • | Concentration | Det.
Limit | Regulatory
Level |
|-----------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Arsenic | 0.003 | 0.001 | 5.0 |
| Barium | 1.61 | 0.001 | 100 |
| Cadmium | 0.001 | 0.001 | 1.0 |
| Chromium | 0.001 | 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:

CR 4900, Farmington, NM.

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QUALITY ASSURANCE / QUALITY CONTROL

DOCUMENTATION

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



... A METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|----------------------|---------------------------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 05-19-03 |
| Laboratory Number: | 05-19-TCV | Date Sampled: | N/A |
| Sample Matrix: | Water | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 05-19-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| | · · · · · · · · · · · · · · · · · · · | Detection | Regulatory |
| | Concentration | Limit | Limits |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| Vinyl Chloride | ND | 0.0001 | 0.2 |
| 1,1-Dichloroethene | ND | 0.0001 | 0.7 |
| 2-Butanone (MEK) | ND | 0.0001 | 200 |
| Chloroform | ND | 0.0001 | 6.0 |
| Carbon Tetrachloride | ND | 0.0001 | 0.5 |
| Benzene | ND | 0.0001 | 0.5 |
| 1,2-Dichloroethane | ND | 0.0001 | 0.5 |
| Trichloroethene | ND | 0.0003 | 0.5 |
| Tetrachloroethene | ND | 0.0005 | 0.7 |
| 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:

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Review Review

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... A METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|--------------|---------------------|-------------------|
| Sample ID: | Method Blank | Date Reported: | 05-19-03 |
| Laboratory Number: | 05-19-TCV | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 05-19 - 03 |
| Condition: | N/A | Date Extracted: | 05-16-03 |
| | | Analysis Requested: | TCLP |

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

ND - Parameter not detected at the stated detection limit.

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

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EFA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

| Client: | QA/QC | | Project #: | N/A |
|---------------------------------------|----------------|-----------|---------------------------------------|------------|
| Sample ID: | Matrix Duplica | te | Date Reported: | 05-19-03 |
| Laboratory Number: | 25680 | | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | | Date Received: | N/A |
| Analysis Requested: | TCLP | | Date Analyzed: | 05-19-03 |
| Condition: | N/A | · | Date Extracted: | 05-16-03 |
| · · · · · · · · · · · · · · · · · · · | | Duplicate | · · · · · · · · · · · · · · · · · · · | |
| | Sample | Sample | Detection | |
| | Result | Result | Limits | Percent |
| Parameter | (mg/L) | (mg/L) | (mg/L) | Difference |
| Vinyl Chloride | ND | ND | 0.0001 | 0.0% |
| 1,1-Dichloroethene | ND | ND | 0.0001 | 0.0% |
| 2-Butanone (MEK) | ND | ND | 0.0001 | 0.0% |
| Chloroform | ND | ND | 0.0001 | 0.0% |
| Carbon Tetrachloride | ND | ND | 0.0001 | 0.0% |
| Benzene | ND | ND | 0.0001 | . 0.0% |
| 1,2-Dichloroethane | ND | ND | 0.0001 | 0.0% |
| Trichloroethene | ND | ND | 0.0003 | 0.0% |
| Tetrachloroethene | ND | ND | 0.0005 | 0.0% |
| Chlorobenzene | ND | ND | 0.0003 | 0.0% |
| 1,4-Dichlorobenzene | ND | ND | 0.0002 | 0.0% |

ND - Parameter not detected at the stated detection limit.

References:

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, July 1992. Method 5030, Purge-and-Trap, SW-846, USEPA, July 1992.

- Method 8010, Halogenated Volatile Organic, SW-846, USEPA, Sept. 1994.
- Method 8020, Aromatic Volatile Organics, SW-846, USEPA, Sept. 1994.

Comments:

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EFA METHODS 8010/8020 AROMATIC / HALOGENATED VOLATILE ORGANICS QUALITY ASSURANCE REPORT

| Client: | QA/QC | | | Project #: | t. | N/A |
|----------------------|--------------|--------|--------|---------------|----------|----------|
| Sample ID: | Matrix Spike | | | Date Reporte | | 05-19-03 |
| Laboratory Number: | 25680 | | | Date Sample | | N/A |
| Sample Matrix: | TCLP Extract | | | Date Receive | | N/A |
| Analysis Requested: | TCLP | | | Date Analyze | | 05-19-03 |
| Condition: | N/A | | | Date Extracte | ed: | 05-16-03 |
| | | u | Spiked | | | SW-846 |
| | Sample | Spike | Sample | Det. | | % Rec. |
| | Result | Added | Result | Limit | Percent | Accept. |
| Parameter | (mg/L) | (mg/L) | (mg/L) | (mg/L) | Recovery | Range |
| Vinyl Chloride | ND | 0.050 | 0.0495 | 0.0001 | 99.0% | 28-163 |
| 1,1-Dichloroethene | ND | 0.050 | 0.0494 | 0.0001 | 98.8% | 43-143 |
| 2-Butanone (MEK) | ND | 0.050 | 0.0498 | 0.0001 | 99.6% | 47-132 |
| Chloroform | ND | 0.050 | 0.0500 | 0:0001 | 100.0% | 49-133 |
| Carbon Tetrachloride | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 43-143 |
| Benzene | ND | 0.050 | 0.0498 | 0.0001 | 99.6% | 39-150 |
| 1,2-Dichloroethane | ND | 0.050 | 0.0490 | 0.0001 | 98.0% | 51-147 |
| Trichloroethene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 35-146 |
| Tetrachloroethene | ND | 0.050 | 0.0495 | 0.0005 | 99.0% | 26-162 |
| Chlorobenzene | ND | 0.050 | 0.0495 | 0.0003 | 99.0% | 38-150 |
| 1,4-Dichlorobenzene | ND | 0.050 | 0.0495 | 0.0002 | 99.0% | 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 25680.

Review Review

EPA METHOD 8040 PHENOLS Quality Assurance Report Laboratory Blank

| Client: | QA/QC | Project #: | N/A |
|-----------------------|------------------|---------------------|------------|
| Sample ID: | Laboratory Blank | Date Reported: | 05-19-03 |
| Laboratory Number: | 15-19-TCA | Date Sampled: | N/A |
| Sample Matrix: | 2-Propanol | Date Received: | N/A |
| Preservative: | N/A | Date Analyzed: | 05-19-03 |
| Condition: | N/A | Analysis Requested: | TCLP |
| Analytical Results | | Detection | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| o-Cresol | ND | 0.020 | 200 |
| p,m-Cresol | ND | 0.040 | 200 |
| 2,4,6-Trichlorophenol | ND | 0.020 | 2.0 |
| 2,4,5-Trichlorophenol | ND | 0.020 | 400 |
| Pentachlorophenol | ND | 0.020 | 100 |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|-----------------------|--|------------------|
| | 2-fluorophenol
2,4,6-tribromophenol | 98 %
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 25680.

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EPA METHOD 8040 PHENOLS **Quality Assurance Report**

| Client: | QA/QC | Project #: | N/A |
|--------------------|---------------|---------------------|-------------------|
| Sample ID: | Method Blank | Date Reported: | 05-19 - 03 |
| Laboratory Number: | 05-19-TCA | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 05-16-03 |
| Condition: | Cool & Intact | Date Analyzed: | 05-19-03 |
| | | Analysis Requested: | TCLP |

| Parameter | Concentration
(mg/L) | Det.
Limit
(mg/L) | Regulatory
Limit
(mg/L) |
|-----------------------|-------------------------|-------------------------|-------------------------------|
| o-Cresol | ND | 0.020 | 200 |
| p,m-Çresol | 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 Reco | veries: Parame | ter | Percent Recovery | | |
|----------------|--|---|--------------------------------|--|--|
| | 2-Fluoro
2,4,6-Tri | phenol
bromophenol | 99%
99% | | |
| References: | Method 1311, Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992. | | | | |
| | Method 3510, Separatory Fun
Waste, SW-846, USEPA, July | nel Liquid-Liquid Extraction, Test
1992. | Methods for Evaluating Solid | | |
| | Method 8040, Phenols, Test M | Nethods for Evaluating Solid Was | te, SW-846, USEPA, Sept. 1986. | | |
| Note: | Regulatory Limits based on 40 | egulatory Limits based on 40 CFR part 261 subpart C section 261.24, July 1, 1992. | | | |
| Comments: | QA/QC for sample 2568 | 0. | | | |

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EPA METHOD 8040 PHENOLS Quality Assurance Report

| Client: | QA/QC | Project #: | N/A |
|--------------------|------------------|---------------------|----------|
| Sample ID: | Matrix Duplicate | Date Reported: | 05-19-03 |
| Laboratory Number: | 25680 | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 05-16-03 |
| Condition: | Cool & Intact | Date Analyzed: | 05-19-03 |
| | | 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 C
Waste, SW-846, USEPA | Toxicity Characteristic Leaching Procedure Test Methods for Evaluating Solid
16, USEPA, July 1992. | | | |
| | Method 3510, Separator
Waste, SW-846, USEPA | y Funnel Liquid-Liquid Extraction, Test
A, July 1992. | Methods for Evaluating Solid | | |
| | Method 8040, Phenols, | Test Methods for Evaluating Solid Wast | te, 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 | 25680. | | | |
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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: | 05-19-03 |
| Laboratory Number: | 05-19-TBN | Date Sampled: | N/A |
| Sample Matrix: | Hexane | Date Received: | N/A |
| Preservative: | N/A | Date Extracted: | N/A |
| Condition: | dition: N/A | | 05-19-03 |
| | | Analysis Requested: | TCLP |
| · · · · · · · · · · · · · · · · · · · | | Det. | Regulatory |
| | Concentration | Limit | Limit |
| Parameter | (mg/L) | (mg/L) | (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 Accept | ance Criteria | Parameter | Percent Recovery |
|--------------|----------------------------|---|-----------------------------|
| | | 2-fluorobiphenyl | 100% |
| References: | Method 3510, Separatory F | racteristic Leaching Procedure, S
unnel Liquid-Liquid Extraction, S
and Cyclic Ketones, SW-846, | SW-846, USEPA, July 1992. |
| Note: | Regulatory Limits based on | 40 CFR part 261 Subpart C sec | ction 261.24, July 1, 1992. |
| Comments: | QA/QC for sample 25 | 680. | |

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

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| Client: | QA/QC | Project #: | N/A |
|---------------------|--------------------------------|---------------------|-----------------|
| Sample ID: | Method Blank | Date Reported: | 05-19-03 |
| Laboratory Number: | 05-19-TBN | Date Sampled: | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | N/A |
| Preservative: | Cool | Date Extracted: | 05-16-03 |
| Condition: | Cool and Intact Date Analyzed: | | 05-19-03 |
| | | Analysis Requested: | TCLP |
| | 0 | Det. | Regulatory |
| Parameter | Concentration
(mg/L) | Limit
(mg/L) | 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 |
| | | | |

ND - Parameter not detected at the stated detection limit.

| QA/QC Accep | tance Criteria | Parameter | Percent Recovery |
|-------------|------------------------|--|-----------------------------|
| | | 2-fluorobiphenyl | 95% |
| References: | • | Characteristic Leaching Procedure,
bry Funnel Liquid-Liquid Extraction, | |
| | Method 8090, Nitroaror | natics and Cyclic Ketones, SW-846 | , USEPA, Sept. 1986. |
| Note: | Regulatory Limits base | d on 40 CFR part 261 Subpart C se | ction 261.24, July 1, 1992. |

0.020

Comments:

HexachloroBenzene

QA/QC for sample 25680.

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<u>Mistini Maeters</u> Review

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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: | | 05-19-03 |
| Laboratory Number: | 25680 | Date Sampled: | | N/A |
| Sample Matrix: | TCLP Extract | Date Received: | | N/A |
| Preservative: | N/A | Date Extracted: | | 05-16-03 |
| Condition: | N/A | Date Analyzed: | | 05-19-03 |
| | | Analysis Reque | sted: | TCLP |
| | Sample | Duplicate | | Det. |
| | Result | Result | Percent | Limit |
| Parameter | (mg/L) | (mg/L) | Difference | (mg/L) |
| Pyridine | ND | ND | 0.0% | 0.020 |
| Hexachloroethane | ND | ND | 0.0% | 0.020 |
| Nitrobenzene | ND | ND | 0.0% | 0.020 |
| Hexachlorobutadiene | ND | ND | 0.0% | 0.020 |
| 2,4-Dinitrotoluene | ND | ND | 0.0% | 0.020 |
| HexachloroBenzene | ND | ND | 0.0% | 0.020 |

ND - Parameter not detected at the stated detection limit.

| QA/QC Accep | tance Criteria | Parameter | Maximum Difference |
|-------------|------------------------|---|---------------------------|
| | | 8090 Compounds | 30% |
| References: | ······ | Characteristic Leaching Procedure, SV | |
| | | ory Funnel Liquid-Liquid Extraction, SV | · · · |
| | Method 8090, Nitroaro | matics and Cyclic Ketones, SW-846, L | JSEPA, Sept. 1986. |
| Note: | Regulatory Limits base | ed on 40 CFR part 261 Subpart C secti | ion 261.24. July 1, 1992. |

Comments:

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Added

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | QA/QC | | Project #: | | ٨ | I/A |
|-----------------------------------|---------------------|-----------------|--------------------|----------------|-----------|-----------------|-------------------|
| Sample ID: | | 05-19-TCM QA/QC | | Date Reported: | | 05-19-03 | |
| Laboratory Number: | | 25680 | | Date Samp | led: | Ν | I/A |
| Sample Matrix: | | TCLP Extrac | st . | Date Recei | ved: | Ν | \/ A |
| Analysis Requested: | | TCLP Metals | 3 | Date Analy: | zed: | 0 | 5-19-03 |
| Condition: | | N/A | | Date Extrac | cted: | 0 | 5-16-03 |
| Blank & Duplicate
Conc. (mg/L) | Instrument
Blank | Method
Blank | Detection
Limit | Sample | Duplicate | %
Difference | Acceptance |
| Arsenic | ND | ND | 0.001 | 0.003 | 0.003 | 0.0% | Range
0% - 30% |
| Barium | ND | ND | 0.001 | 1.61 | 1.62 | 0.6% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.001 | 0.001 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 0.001 | 0.001 | 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% |
| | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |

Arsenic 0.500 0.003 0.502 99.8% 80% - 120% Barium 0.500 1.61 2.10 99.5% 80% - 120% Cadmium 0.500 0.001 0.500 99.8% 80% - 120% Chromium 0.500 0.001 0.501 100.0% 80% - 120% Lead 0.500 ND 0.499 99.8% 80% - 120% Mercury 0.050 ND 0.049 98.0% 80% - 120% Selenium 0.500 0.001 0.500 99.8% 80% - 120% Silver 0.500 ND 0.499 99.8% 80% - 120%

Sample

Recovery

Range

ND - Parameter not detected at the stated detection limit.

References:

Conc. (mg/L)

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:

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| Client / Project Name | Project Location | | | | | | | | | | | | |
|------------------------------|------------------|----------------|----------------------|---------------------------------------|--------|---|-----------|-------|----------------|-------------|---------------------------------------|------------|-----|
| Conoco Phillips | CR 4900 | Formingtow, Nn | 1 | | | А | NALYSIS / | PARAN | IEIERS | | | | |
| Sampler: | Client No. | - | 1 | 2 | | | | | | Re | marks | | |
| MR. | 96052-0 | 026, | No. of
ontainer | | \sim | | | | | <u> </u> | | | |
| Sample No./ Sample Sample | Lab Number | Sample | No. of
Containers | LCLD | | | | | | | | ····. | |
| Identification Date Time | | Matrix | | F | / | | | | | | | | |
| 327 unt loca 5-16-03 11:50 | 25680 | Soil | 1 | V | | | | | | | | | |
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| | | | | | | | | | | | | | |
| Relinquished by: (Signature) | Date | | ved by: (| | | | | | | | ate | Tir | ne |
| | 5-16-(| | Mit | | | ~ | | | | 5/ | 4/03 | 12: | 4 |
| Relinquished by: (Signature) | | Hecei | ved by: (| Signatu | re) | | | | | 1 | • | | 1 |
| Relinquished by: (Signature) | | Receiv | ved by: (| Signatu | re) | | | | | | | | |
| | | | · · · · · · · · · | | -1 | | | | | 1 | | | |
| | EO | | <u>~</u> | | ~ | | | | San | nple Re | eceipt | I | |
| | | VIROTEC | | | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | 5796 U.S. High | ···· · · · · · · | · · · · · · · · · · · · · · · · · · · | | | | | | | Y | N | N/A |
| | Far | mington, New M | | | | | | | Received Int | act | 4 | | |
| | | (505) 632-0 | | | ; | | | 0 | Cool - Ice/Blu | e Ice | ~ | | |

....

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🔲 | 4. Generator: El Paso Field Services |
|---|--|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Kutz Separator South Pond |
| 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) #81 County Road 4900,
Bloomfield, New Mexico | Project #97057-082 |

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:

Sediment from liquids hauled into sales tanks from field operations

CWS Attached



| Estimated Volumecy | Known Volume (to be entered by the operator at the end of the haul) | 60 |
|--------------------|---|----|
|--------------------|---|----|

_cy

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant

DATE: 05/16/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | ч. |
|----------------------------|---------------------|----------------------|
| APPROVED BY: Deny Frent | TITLE: Env ovo/Engr | DATE: 5/23/03 |
| APPROVED BY: | TITLE: yealagist | DATE: <u>5-27-03</u> |

.



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: |
|---|--|
| El Pasa Field Services | Envirotech Inc. Soil Remediation Facility |
| El Paso Field Services
614 Rielly avenue | Landfarm #2 |
| Farmington | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Kutz Seperator | #81 CR 4900 |
| 5 1 | Bloomfield |
| attach list of originating sites as appropriate | · |
| 4. Source and Description of Waste | t to be to be form hilld |
| 4. Source and Description of Waste
Sediment from liquids hauled | into sales ranks for first |
| operations | |
| | |
| | |
| 1. Loren Paris | representative for : |
| 1, LOREN PARIS
Print Name | |
| El Paso Field Services | |
| Conservation and Recovery Act (RCRA) and Environmental Protect | do hereby certify that, according to the Resource
ion Agency's July 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| | MPT oilfield waste which is non-hazardous by characteristic |
| | or by product identification |
| | |
| and that nothing has been added to the exempt or non-exempt non - | nazardous waste delined aboye. |
| For NON-EXEMPT waste the following documentation is attached | (check appropriate items): |
| MSDS InformationC | Other (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | |
| | |
| | |
| This waste is in compliance with Regulated Levels of Naturally C | Occurring Radioactive Material (NORM) pursuant to 20 |
| This waste is in compliance with Regulated Levels of Naturally C
NMAC 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): Koren Paris | Occurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): Rozen Paris
Title: Read Specialists | Occurring Radioactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D.
Name (Original Signature): Koren Paris | Occurring Radioactive Material (NORM) pursuant to 20 |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.cmnrd.state.nm.us</u>

District 1 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

Submit Original Plus 1 Čopy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖾 Non-Exempt: 🗀 | 4. Generator: Elm Ridge Resources |
|---|---|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Central Bisti Unit
Water Flood Tank Battery |
| 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) "E" Sec 5, T25N, R12W,
San Juan County | Project #03056-001 |

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:

Exempt tank bottoms generated during cleaning of tank battery.



Estimated Volume

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

SIGNATURE Waste Management Facility Authorized Agent

cy

TITLE: Environmental Administrative Assistant DATE: 05/15/03

cy

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | i i |
|---------------------------------------|---------------------|----------------|
| APPROVED BY: Deny Feint | TITLE: Enviro/Engi | DATE: 57 23/03 |
| APPROVED BY: | TITLE: year loy 18t | DATE: 5-27-03 |
| <i>//////////////////////////////</i> | | |



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 |
| P.O. DOX 181 | Landfarm #2 |
| P.O. Box 189
Farmington, NM 87499 | |
| Elm Ridge Reconces
3. Originating Site (name): | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | |
| C. B.U. WATER Flood | |
| attach list of originating sites as appropriate "E" Sect. | E TICK D ID WI GI |
| 4. Source and Description of Waste | $\frac{10^{n}}{2} = \frac{1}{2} \cdot$ |
| 4. Source and Description of Waste | |
| | |
| Exempt | |
| The 2 - from along | nont trad hattan |
| TANK BOTTOMS From Cleani | ngoi iune pallery |
| 5 | 0 |
| I, MACH Humphroy | representative for : |
| Print Name | |
| 8/ 01 0 | do horsely contify that according to the Decourse |
| Conservation and Recovery Act (RCRA) and Environmental Protectio | do hereby certify that, according to the Resource |
| described waste is: (Check appropriate classification) | |
| | |
| | PT 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 -ha | azardous waste defined above |
| and that nothing has been added to the exempt of non-exempt non - ne | |
| For NON-EXEMPT waste the following documentation is attached (c | heck appropriate items): |
| | ner (description |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | annuine Dedication Metalial (NODM) |
| This waste is in compliance with Regulated Levels of Naturally Oc
NMAC 3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| NMAC 5.1 subpart 1405.c and D. | |
| Name (Original Signature); // ach / Durnham | |
| | |
| Title: Drem | |
| | · · · · · · · · · · · · · · · · · · · |
| Date: 05-15-03 | |

| District 1
1625 N. French Dr., Hobbs, NM 88240State of Ne
Energy Minerals and
Energy Minerals and
Oil Conservat
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505State of Ne
Energy Minerals and
Oil Conservat
1220 South S
Santa Fe, NM 87505 | tion Division
t. Francis Dr.
Dil Consegnation Division
the form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate |
|--|--|
| REQUEST FOR APPROVAL | FO ACCEPT SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖂 | 4. Generator: Animas Environmental |
| Verbal Approval Received: Yes 🗋 No 🖾 | 5. Originating Site: American Energy
Services- Fullerton Federal (Mark West
Napi Compressor) |
| 2. Management Facility Destination: Envirotech Soil Remediati
Landfarm #2 | ion Facility, 6. Transporter: American Energy |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmi
87401 | ngton, NM 8. State: New Mexico |
| 7. Location of Material (Street Address or ULSTR) "P" Sec 15, T
SJC | 27N, R11W, Project #99083-009 |
| A. All requests for approval to accept oilfield exempt wastes will be one certificate per job. B. All requests for approval to accept non-exempt wastes must be a material is not-hazardous and the Generator's certification of or approved All transporters must certify the wastes delivered are only those compared to accept the second | accompanied by necessary chemical analysis to PROVE the rigin. No waste classified hazardous by listing or testing will be |
| BRIEF DESCRIPTION OF MATERIAL: | 15 TO 10 20 20 20 20 20 20 20 20 20 20 20 20 20 |
| Hydraulic oil stained soil.
CWS, RCI & Trace Metals analyses attached. | May 200 |
| | Electronic Hold For
revised Cus |
| I held this up, making generato
sign CWS instead of consultant
Estimated Volume 4 cy Known Volume (to be entered by the operation | ator at the end of the haul) <u>4</u> cy |
| SIGNATURE <u>Handle R. Mulso</u> TITLE: | Environmental Administrative Asssitant DATE: 05/15/03 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (| <u>505) 632-0615</u> |
| (This space for State Use)
APPROVED BY: Demp Tom TITLE
APPROVED BY: The Tom Tom TITLE | : Environmental/ Engr DATE: 05/23/06
Environmental/ Engr DATE: 06/06/03 |

c

.

| Districtor
16 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210 | State of New Mexico
Energy Minerals and Natural Resou | Form C-138
rces Revised March 17, 1999 |
|--|---|--|
| District III
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | Submit Original
Plus 1 Copy
to Appropriate
District Office |
| REQUES | T FOR APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exe | empt: 🛛 | 4. Generator: Animas Environmental |
| Verbal Approval Received: | Yes No | 5. Originating Site: American Energy
Services- Fullerton Federal (Mark West
Napi Compressor) |
| 2. Management Facility Destination
Landfarm #2 | Envirotech Soil Remediation Facility, | 6. Transporter: American Energy |
| 3. Address of Facility Operator: 579
87401 | 96 U.S. Highway 64, Farmington, NM | 8. State: New Mexico |
| 7. Location of Material (Street Addre SJC | ess or ULSTR) "P" Sec 15, T27N, R11W, | Project #99083-009 |
| <u>Circle One</u>: A. All requests for approval to acc
one certificate per job. | ept oilfield exempt wastes will be accompanied by | a certification of waste from the Generator; |

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:

Hydraulic oil stained soil.

CWS, RCI & Trace Metals analyses attached.



Hold to Kenised

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

| SIGNATURE | Handrea | R | lackson | $\underline{)}$ |
|-----------|-----------------|------------|------------------|-----------------|
| | Waste Managemen | t Facility | Authorized Agent | |

TITLE: Environmental Administrative Asssitant DATE: <u>05/15/03</u>

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | 1 E1- DATE 05-107 |
|--|--------------------------------|
| APPROVED BY: 1) Engrand Ferry TITLE: Environment of the TITLE: | DATE: <u>05/23/03</u>
DATE: |

Jun 03 03 08:38a ANI

5-27-03; 2:33PM; ENVIROTE

- ENV SVCS

505 24 2022 56321865

>

p.2 # 2/ 2

| NEW MEXICO ENI | ERGY, MINERALS and |
|---|---|
| NATURAL RESO | OURCES DEPARTMENT |
| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary | Director
Oil Conservation Division |
| CERTIFICATE OF | GIGINI CLA |
| 1. Generator Name and Address
American Energy Services
For 5. Tucker
Jarnington, NM 87401 | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name):
Julleton Jederal (Mark West Rapi (
Hwy 550, 5 2), Bloomfield
attach list of originating sites as appropriate
4. Source and Description of Waste | RIIW, SJC |
| Hydraulic oil stained Boil
Dennis R Duderstact
I. Menne Print Name
American Energy Services
Conservation and Recovery Act (RORA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource |
| analysis or | PT oilfield waste which is non-hazardous by characteristic by product identification |
| and that nothing has been added to the exempt or non-exempt non -ha
For NON-EXEMPT waste the following documentation is attached (cl
MSDS InformationOth
WRCRA Hazardous Waste Analysis
Chain of Custody | |
| This waste is in compliance with Regulated Levels of Naturally Occ
NMAC 3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): <u>SIL ADAUL</u>
Title: <u>MANAGUL</u>
Date: <u>613</u> [03] | |
| Oil Conservation Division * 1000 Rio B
Phone: (505) 334-6178 * Fax (505) 334 | Brazos Road * Aztec, New Mexico 87410
I-6170 * http://www.emnrd.statc.nn.us |
| ····· | |

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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

SUSPECTED HAZARDOUS WASTE ANALYSIS

| Lab
Sam
Pres | ple ID:
ID#:
ple Matrix:
ervative: | Animas Environmental
P - 1
25417
Soil
Cool
Cool and Intact | Project #:
Date Reported:
Date Sampled:
Date Received:
Date Analyzed:
Chain of Custody: | 99083-001
04-23-03
04-22-03
04-23-03
04-23-03 |
|--------------------|---|---|---|---|
| Con | dition: | Cool and Intact | Chain of Custody: | 10841 |
| Par | ameter | Result | | · · · · · · · · · · · · |
| IGN | | Negative | | |
| CO | RROSIVITY: | Negative | pH = 7.21 | |
| REA | ACTIVITY: | Negative | | |
| RCR | A Hazardous Waste Criteria | | | |
| | Parameter | Hazardous Waste Criterion | | |
| | IGNITABILITY: | | ined by 40 CFR, Subpart C, Sec. 261.21.
ontact with flame or flash point < 60° C.) | |
| | CORROSIVITY: | | fined by 40 CFR, Subpart C, Sec. 261.22.
r pH greater than or equal to 12.5) | |
| | REACTIVITY: | (i.e. Violent reaction with water, st | ned by 40 CFR, Subpart C, Sec. 261.23.
rong base, strong acid, or the generation
at STP with pH between 2.0 and 12.5) | |
| Refe | rence: | 40 CFR part 261 Subpart C sectio | ns 261.21 - 261.23, July 1, 1992. | |
| Com | mente | MarcWest Nanni Comn | | |

Comments:

MarcWest Nappi Comp.

Analyst

Nistin Maeters Review

ENVIROTECI. LABS

TRACE METAL ANALYSIS

| Client: | Animas Environmental | Project #: | 99083-001 |
|--------------------|----------------------|------------------|-------------|
| Sample ID: | P-1 | Date Reported: | 04-30-03 |
| Laboratory Number: | 25417 | Date Sampled: | 04-22-03 |
| Chain of Custody: | 10841 | Date Received: | 04-23-03 |
| Sample Matrix: | Soil | Date Analyzed: | 04-30-03 |
| Preservative: | Cool | Date Digested: | 04-29-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) |
|-----------|--------------------------|--------------------------|-------------------------------------|
| | | | . <u>.</u> . |
| Arsenic | ND | ÷ 0.001 | 5.0 |
| Barium | 3.08 | 0.001 | 100 |
| Cadmium | ND | 0.001 | 1.0 |
| Chromium | 0.827 | 0.001 | 5.0 |
| Lead | 0.736 | 0.001 | 5.0 |
| Mercury | 0.001 | 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:

MarcWest Nappi Comp.

Analyst

Mistine Muceters

ENVIROTECH LABS

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| ···· ····· | | | | | | | | - |
|---------------------|--------------|---------------------------------------|-----------|------------|-----------|---------------|-----------------------------|--|
| Client: | | QA/QC | | Project #: | | | N/A | |
| Sample ID: | | 04-30-TM QA/QC | | Date Rep | orted: | | 04-30-03 | |
| Laboratory Number: | | 25417 | | Date Sam | npled: | | N/A | |
| Sample Matrix: | • | Soil | | Date Rece | eived: | | N/A | |
| Analysis Requested: | | Total RCR | A Metals | Date Anal | lyzed: | | 04-30-03 | |
| Condition: | | N/A | | Date Dige | ested: | | 04-29-03 | |
| Blank & Duplicate | Instrument | Method | Detection | Sample | Duplicate | % | | 1 |
| Conc. (mg/L) | Blank (mg/L) | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Limit | Campie | Duplicate | Diff. | Range | - |
| Arsenic | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | 5 |
| Barium | ND | ND | 0.001 | 3.08 | 3.07 | 0.3% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.827 | 0.824 | 0.4% | 0% - 30% | |
| Lead | ND | ND | 0.001 | 0.736 | 0.737 | 0.1% | 0% - 30% | |
| Mercury | ND | ND | 0.001 | 0.001 | 0.001 | 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 | | Spike | Sample | Spiked | Percent | Grada | Acceptance | 11 |
| Conc. (mg/L) | 6 - C | Added | Sailible | Spiked | | | Range | an an an an an an an an an an an an an a |
| COUC. (UB/E) | AND A NUMBER | | | Soundre | | ************* | a contraction of the second | 200
200 |
| Arsenic | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% | |
| Barium | | 0:500 | 3.08 | 3.56 | 99.4% | | 80% - 120% | |
| Cadmium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% | |
| Chromium | | 0.500 | 0.827 | 1.32 | 99.5% | | 80% - 120% | |
| Lead | | 0.500 | 0.736 | 1.23 | 99.5% | | 80% - 120% | |
| Mercury | | 0.050 | 0.001 | 0.051 | 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 sample 25417.

Analyst

Mistini m Walters Review

CHAIN OF CUSTODY RECORD 10841 ·

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|---------------------------------------|--|---------|------------------|------------------------------|------------------------------|------------|------------|-----|------------|-----------------|----------|-----------------|-------------|----------|
| Client / Project Name | , | | Project Location | | | | | | | RAMETERS | | | | • |
| Animas Environmen
Sampler: Ross Ke | tJ/Ross! | Kenneme | st roop | ppi comp. | | | | | ALTOIO7 17 | | | | | |
| Sampler: D V. | | - ~ | Client No. | | <u>ی</u> | Γ | | | | | Re | emarks | s | |
| Koss ne | nnemic | - (| 996 | 283-01 | No. of
Containers | | | 1 | | | | · | | |
| Sample No./ | Sample | Sample | Lab Number | Sample | Cont Z | 100 | | | | | | | | |
| Identification | Date | Time | | Matrix | | | | | | | | | | |
| P-1 | 4-22-03 | 0080 | 25417 | Sul | 2 | X | · - | | | | | | | |
| | | | | | | | | | | | | | | |
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| | | | 1 | | | · · | | | | | · · · | | | |
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| D. Karalahad hur (Diano) | ······································ | 1 | <u> </u> | Date Time | | (<u>)</u> | | | | | | ate | | me |
| Relinquished by: (Signal | _ | | | Date Time
4-23-03
0805 | Received by: (| Signatu | re)
φ (| ?`` | . . | | | ate
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01 |
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| | | | | EUVIRO | TECH | | <u>.</u> | | | Sam | nple Re | ceipt | | |
| | | | į | and the second second | | : | 1. C. | | | | | Y | N | N/A |
| | | | | 5796 U.S
Farmington, N | S. Highway 6
New Mexico (| | | | | Received Inte | act | ~ | | |
| | | | | - | 632-0615 | ••••• | | | | Cool - Ice/Blue |) Ice | $ \rightarrow $ | - | |

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: 🗌 | 4. Generator: Conoco Phillips |
|--|-------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: FC Fed Com #15 |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Key |
| 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) "L" Sec 15, T30N, R11W, SJC | Project #96052-031 |

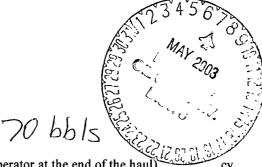
9. Circle One:

- 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:

Exempt tank bottoms from cleaning of a tank.

CWS attached.



Estimated Volume 40 bbl cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 05/06/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|--------------------|--|
| APPROVED BY: Jemy Fam | TITLE: Enviro/Engn | DATE: 05/08/03 |
| APPROVED BY: | TITLE: Montagest | DATE: 5-8-03 |
| | | ······································ |

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | 2 Dectionation Manage |
|---|--|
| 1. Generator Name and Address: | 2. Destination Name: |
| Conoco Phillips Compan
5525 Hwy 64 | Envirotech Soil Remediation Facility |
| Farmington. N.M. 87401 | 7 10 40 |
| Farmington, NIA 81401 | Landrarm #2
Hilltop, New Mexico 632-0615 |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | "L" Sec 15, T301, RIIW, |
| FC Fed Com 15 | a cachy, 1 Soll, KILVV, |
| | 510 |
| Attach list of originating sites as appropriate | |
| | the last the second sec |
| 4. Source and Description of Waste
Tank Bottoms From A | TANK BEING CLEANES |
| | |
| | |
| | |
| | |
| The VA A. | / |
| SOBERT A. WRIANEN | representative for: |
| | |
| Al II. (Print Name) | |
| 988, regulatory determination, the above described
EXEMPT oilfield waste NON-EXEN | IPT oilfield waste which is non-hazardous by characteristic |
| Coording to the Resource Conservation and Recover 988, regulatory determination, the above described KEXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification) |
| Coording to the Resource Conservation and Recover 988, regulatory determination, the above described KEXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification |
| In the contract of the Resource Conservation and Recover 988, regulatory determination, the above described Image: Second structure Image: Second structure | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| Coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| Coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| Coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check eppropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| Coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check eppropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
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n-exempt non-hazardous waste defined above. |
| Coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
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988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
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by product identification
n-exempt non-hazardous waste defined above. |
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988, regulatory determination, the above described
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IPT oilfield waste which is non-hazardous by characteristic
by product identification
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988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| A coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check eppropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
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988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
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IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| A coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |
| A coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check eppropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above.
nentation is attached (check appropriate items):
Other (description): |
| A coording to the Resource Conservation and Recover
988, regulatory determination, the above described
EXEMPT oilfield waste | ry Act (RCRA) and Environmental Protection Agency's July
waste is: (Check appropriate classification)
IPT oilfield waste which is non-hazardous by characteristic
by product identification
n-exempt non-hazardous waste defined above. |

| District 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenuc, 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 Reson
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | Form C-138
urces Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|---|
| REQUEST FO | OR APPROVAL TO ACCEI | PT SOLID WASTE |
| 1. RCRA Exempt: 🛛 Non-Exempt: | | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes | No 🖾 | 5. Originating Site: San Juan 29-5 Unit #69 |
| 2. Management Facility Destination: Envi
Landfarm #2 | rotech Soil Remediation Facility, | 6. Transporter: Riley |
| 3. Address of Facility Operator: 5796 U.
87401 | S. Highway 64, Farmington, NM | 8. State: New Mexico |
| 7. Location of Material (Street Address or Rio Arriba County | JLSTR) "I", Sec 21, T29N, R5W, | Project #96052-057 |
| one certificate per job.
B. All requests for approval to accept nor
material is not-hazardous and the Gen
approved | n-exempt wastes must be accompanied by r | y a certification of waste from the Generator;
necessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be |
| Flowback fluids (sand, water, etc. pur
CWS attached. | | Nov mon
Colognetics
2966/s |
| Estimated Volume <u>29 bbls</u> cy Known | Volume (to be entered by the operator at the | he end of the haul)cy |
| SIGNATURE Sandrea Republic
Waste Management Facility Author
TYPE OR PRINT NAME: Landrea Jackson | | |
| (This space for State Use)
APPROVED BY: Derry 70
APPROVED BY: APPROVED BY: | ount THEE Encirc | 2/Engl DATE: 11/24/03
19:54 DATE: 11-24-73 |

Eq.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCEST DEPARTMENT

BILL RICHARDSON Lori Wrotenbery Governor Director Joanna Prukop **Oil Conservation Division Cabinet Secretary CERTIFICATE OF WAS** 1. Generator Name and Address 2. Destination Name: Envirotech Inc. Soil Remediation Facility ConocoPhillips Company 5525 Highway 64 Landfarm #2 Farmington, NM 87401 Hilltop, New Mexico 3. Originating Site (name): Location of the Waste (Street address &/or ULSTR): San Juan 29-5 Unit #69 T29N, R5W, Sec. 21 NM attach list of originating sites as appropriate Source and Description of Waste Flowback fluids (sand, water, etc. pumped downhole) 29 BBL hison representative for : ConocoPhil/lips 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 escribed waste is: (Check appropriate classification) NON-EXEMPT oilfield waste which is non-hazardous by characteristic **EXEMPT** oilfield waste 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): **MSDS** Information Other (description RCRA Hazardous Waste Analysis Chain of Custody 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): Ilchnician 2003 NOV. ite:

> Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einard.state.nm.us</u>

| District I State of New Mexico District II Id25 N. French Dr., Hobbs, NM 88240 District II Energy Minerals and Natural Resource 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District III Oil Conservation Division 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr. 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | Nov Ena Submit Original |
|--|--|
| REQUEST FOR APPROVAL TO ACCE | PTESOLID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🔀 | 4. Generator Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 31-6 Unit #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) "N" Sec 4, T30N, R6W, Rio Arriba County | Project #96052-054 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by r material is not-hazardous and the Generator's certification of origin. No waste cl approved All transporters must certify the wastes delivered are only those consigned for transporters per product water, pigging waste, and compressor engine o CWS & analytical attached. *Date on CWS & C-138 differ due to pending analytical results. | necessary chemical analysis to PROVE the
lassified hazardous by listing or testing will be
port. |
| Estimated Volume <u>~20</u> cy Known Volume (to be entered by the operator at the e
SIGNATURE <u>Mandula RACKSo</u> TITLE: <u>Landfarm Man</u> | |
| Waste Management Radility Authorized Agent
TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | |
| (This space for State Use)
APPROVED BY: Demy Rent TITLE: Envir
APPROVED BY: Hugh TITLE: gcolog | 0/Engr DATE: <u>11/19/03</u>
9/5 DATE: <u>11-19-02</u> |

...

a

| BH | L RICHARDSON
Governor | Alori Wrotenbery
Director |
|---|--|--|
| | Joanna Prukop
Cabinet Secretary | Oil Conservation Divisio |
| | CERTIFICATE OF | WASTE STATUS |
| | 1. Generator Name and Address | 2. Destination Name: 12 11 200 |
| | ConocoPhillips Company
5525 Highway 64 | Envirotech Inc. Soil Remediation Facility
Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
San Juan 31-6 Unit #206 | Location of the Waste (Street address &/or ULSTR): |
| | Unit N, Sec. 4, T30N, RUW | 925' FSL 2, 1450' FWL |
| | attach list of originating sites as appropriate | API # 30-039-24445 |
| I, | Monica. D. Olion | representative for : |
| Conse | Print Name
ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| describ | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
bed waste is: (Check appropriate classification)
XEMPT oilfield waste | Agency's July, 1988, regulatory determination, the above
PT oilfield waste which is non-hazardous by characteristic |
| descrit | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
bed waste is: (Check appropriate classification)
XEMPT oilfield waste | Agency's July, 1988, regulatory determination, the above
PT oilfield waste which is non-hazardous by characteristic
by product identification |
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and tha | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
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PT oilfield waste which is non-hazardous by characteristic
by product identification
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For NC
This wa | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
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XEMPT oilfield waste | Agency's July, 1988, regulatory determination, the above
PT oilfield waste which is non-hazardous by characteristic
by product identification
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eck appropriate items):
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NMAC | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
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PT oilfield waste which is non-hazardous by characteristic
by product identification
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eck appropriate items):
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For NC
This way
NMAC | ConocoPhillips Company
rvation and Recovery Act (RCRA) and Environmental Protection
bed waste is: (Check appropriate classification)
XEMPT oilfield waste
analysis or b
at nothing has been added to the exempt or non-exempt non -haz
N-EXEMPT waste the following documentation is attached (ch
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
aste is in compliance with Regulated Levels of Naturally Occu
3.1 subpart 1403.C and D. | Agency's July, 1988, regulatory determination, the above
PT oilfield waste which is non-hazardous by characteristic
by product identification
cardous waste defined above.
eck appropriate items):
r (description |

ENVIROTECHPLABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026-000 |
|--------------------|------------------------|------------------|---------------|
| Sample ID: | Soil - Compressor Skid | Date Reported: | 11-11-03 |
| Laboratory Number: | 27126 | Date Sampled: | 11-07-03 |
| Chain of Custody: | 11554 | Date Received: | 11-07-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 11-11-03 |
| Preservative: | Cool | Date Extracted: | 11-10-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| | Concentration | Det.
Limit | Regulatory
Level | |
|-----------|---------------|---------------|---------------------|--|
| Parameter | (mg/L) | (mg/L) | (mg/L) | |
| · . | | | | |
| Arsenic | 0.026 | 0.001 | 5.0 | |
| Barium | 1.42 | 0.001 | 100 | |
| Cadmium | 0.002 | 0.001 | 1.0 | |
| Chromium | 0.061 | 0.001 | 5.0 | |
| Lead | 0.081 | 0.001 | 5.0 | |
| Mercury | ND | 0.001 | 0.2 | |
| Selenium | 0.011 | 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: 31-6 #206.

Analyst C. Cy-

Review

ENV.ROTECHALABS

IPRACTICAL SOLUTIONS FOR A BETHER TOMORROW

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| · | | | | | | | |
|---------------------|------------|------------|------------------------------|---|------------|------------|------------|
| Client: | | N/A | | Project #: | | | N/A |
| Sample ID: | | 11-11-TCM | 11-11-TCM QA/QC | | rted: | 11-11-03 | |
| Laboratory Number: | | 27126 | · | Date Samp | oled: | | N/A |
| Sample Matrix: | | TCLP Extra | ct | Date Rece | ived: | | N/A |
| Analysis Requested: | | TCLP Meta | ls | Date Analy | zed: | | 11-11-03 |
| Condition: | | N/A | | Date Extra | cted: | | 11-10-03 |
| | Instrument | Method | Detectio | | Duplicate- | | Acceptance |
| Conc. (mg/L) | Blank | Blank | Limit | nandari in sa sa sa sa sa sa sa sa sa sa sa sa sa | | Difference | |
| Arsenic | ND | ND | 0.001 | 0.026 | 0.026 | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 1.42 | 1.40 | 1.4% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.002 | 0.002 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | 0.061 | 0.060 | 1.6% | 0% - 30% |
| Lead | ND | ND | 0.001 | 0.081 | 0.081 | 0.0% | 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 | ND | ND | 0.0% | 0% - 30% |
| Spike | | Spike | Sampl | e Spiked | Percent | | Acceptance |
| Conc. (mg/L) | | Added | n vittering vit ^a | Sample | Recovery | i. | Range |
| Arsenic | | 0.500 | 0.026 | 0.524 | 99.6% | | 80% - 120% |
| Barium | | 0.500 | 1.42 | 1.90 | 99.0% | | 80% - 120% |
| Cadmium | | 0.500 | 0.002 | 0.502 | 100.0% | | 80% - 120% |
| Chromium | | 0.500 | 0.061 | 0.560 | 99.8% | | 80% - 120% |
| Lead | | 0.500 | 0.081 | 0.580 | 99.8% | | 80% - 120% |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 120% |
| | | | | | | | |

ND - Parameter not detected at the stated detection limit.

References:

Selenium

Silver

Method 1311, Toxicity Characteristic Leaching Procedure, SW-846, USEPA, Dec. 1996

0.510

0.499

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 27126.

0.500

0.500

0.011

ND

Ånalyst

Mistine Mullers Review

99.8%

99.8%

80% - 120%

80% - 120%

 Ч

CHAIN OF CUSTODY RECORD

11554

| Client / Project Name | Project Location | ANALYSIS / | PARAMETERS |
|---|-------------------|------------------------------------|----------------------------|
| ConocoPhillips | 31-6 #200 | 2 | |
| Sampler: | Client No. | of
iners | Remarks |
| Sampler:
Vernon Petty John | 96052-026-053 | No. of ontaine | Vara cald |
| Sample No./ Sample Sample | Lab Number Sample | No. of
Containers
FCLP Nuter | Keep cold |
| Identification Date Time | Matrix | | |
| SCI - COMPRESERSEID 11-07-03 10:00A. | 1.27126 Soil | | b3. |
| Seit - COMPOSSIC SCI 11-07-03 10:00 A.W | 27/27 501 | | |
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| | - | | |
| | Date Time Rece | | |
| Relinquished by: (Signature) | A Date Time Hore | ived by: (Signature) | Date Time
11-7-03 15:40 |
| Relinquished by: (Signature) | | ived by: (Signature) | |
| | | | |
| Relinquished by: (Signature) | Rece | ived by: (Signature) | |
| | . . | | |
| . : ⁶ | EUVROTE | CHINC | Sample Receipt |
| | | | Y N N/A |
| | 5796 U.S. Hig | | Received Intact |
| | Farmington, New I | | |
| | (505) 632- | 0615 | Cool - Ice/Blue Ice |

S

| 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 Resol
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | Form C-133
Revised March 17, 1999
Submit Origina
Plus 1 Cop
to Appropriate
District Office |
|--|---|---|
| REQUEST FO | OR APPROVAL TO ACCÈ | |
| I. RCRA Exempt: 🔀 Non-Exempt: | | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes | No 🖂 | 5. Originating Site: Moore Gas Com E1 |
| 2. Management Facility Destination: Envi
Landfarm #2 | rotech Soil Remediation Facility, | 6. Transporter: TBA |
| 3. Address of Facility Operator: 5796 U.S
87401 | S. Highway 64, Farmington, NM | 8. State: New Mexico |
| 7. Location of Material (Street Address or U
San Juan County | JLSTR) "B" Sec 23, T32N, R12W, | Project #96052-052 |
| material is not-hazardous and the Gen
approved | n-exempt wastes must be accompanied by r
erator's certification of origin. No waste cl
lelivered are only those consigned for trans | assified hazardous by listing or testing will be |
| BRIEF DESCRIPTION OF MATERIAL: | | |
| Soil stained with produced water and c | condensate discovered when a pit tar | nk was removed on October 30, 2003. |
| | | |
| Estimated Volume 10 cy Known Volu | ime (to be entered by the operator at the en | d of the haul) 30 cy |
| BIGNATURE Handle Rack
Waste Management Facility Autho | So TITLE: Landfarm Man | |
| , aste munigement (agint) Munic | | |

| (This |
|--|
| (Ints space tor State Use) |
| |
| 的话,"你们你不能知道你们,你们就是你的?""你说你,你们你们你们,你们还能是你的你,你你们你说你你你你你你你你你你?""你你你你?""你说你,你不知道你?""你 |
| |
| |
| APPROVED BY: DATE: |
| APPROVED BY: |
| |
| |
| |
| |
| TITLE ON ON TO SIC |
| APPROVED BY: Ally TITLE: 9-00/1915T DATE: 11-19-03 |
| $\gamma \gamma $ |
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| |

 $\mathbf{v}_{i} = \left\{ \mathbf{v}_{i}, \cdots, \mathbf{v}_{i} \right\} = \left\{ \mathbf{u}_{i}, \cdots, \mathbf{v}_{i} \right\}$

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| C. And and the second second second second second second second second second second second second second second | |
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| ETHE STATE ON | |
| | O ENERGY, MINERALS and |
| NATURAI | L RESOURCES DEPARTMENT |
| 1912.01 | TATS 16 17 18 10 |
| BILL RICHARDSON
Governor | Nov Lori Wrotenbery
Director |
| Joanna Prukop
Cabinet Secretary | On Conservation Division |
| CERTIFIC | ATE OF WASTE STATUS |
| CENTIFIC | |
| 1. Generator Name and Address | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility |
| ConocoPhillips Company
5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| MOORE GAS COM FI | 1 RITUS 980' FNL & 1670' FEL |
| Unit B, Sec. 23, T324
San Juan County, NR
attach list of originating sites as appropriate | |
| | |
| ~ 10 au soil stained w/ | produced water é, condensate |
| estimate Put tank haul | ed off on 10/30/03. |
| | |
| ÷ | |
| I,Print Name | representative for : |
| ConocoPhillips Company | do horoby contify that according to (1. D |
| | do hereby certify that, according to the Resource
ental Protection Agency's July, 1988, regulatory determination, the above |
| | 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-e | xempt non –hazardous waste defined above. |
| For NON-EXEMPT waste the following documentation | is attached (check appropriate items): |
| MSDS Information | Other (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of NMAC 3.1 subpart 1403.C and D. | Naturally Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): | <u>), loke tern</u> |
| Title: Martin Result of the | <u>en Auro de A</u> rando |
| Date:11-10-03 | |
| | |
| Oil Concentration Division | * 1000 Rio Brazos Road * Aztec New Maxico 87410 |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eunrd.state.nm.us</u>

we have a second second

| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resource District II Oil Conservation Division 1300 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505 District IV Santa Fe, NM 87505 | NOV
Submit Original
Plus I Copy
to Appropriate
District Office | |
|--|--|--|
| REQUEST FOR APPROVAL TO ACCER | | |
| I. RCRA Exempt: 🖂 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 31-6 #229A | |
| 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) "L" Sec 28, T31N, R6W,
Rio Arriba County | Project #96052-056 | |
| <u>Circle One</u>: 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:

Drilling muds & returns from drilling rig reserve pit.

CWS attached.

| Estimated Volume <u>160bbls</u> _cy | Known Volume (to be | entered by the operator at the end | of the haul) | 160-2615 |
|--|------------------------------------|------------------------------------|--------------------|---------------|
| SIGNATURE Sandala Ra
Waste Management Fac | JACKSONS
ility Authorized Agent | TITLE: Landfarm Manager | DATE: <u>Nover</u> | ıber 13, 2003 |
| THE OF PRIME LAND I on drog | Jackson TELEDUO | $N_{\rm C}$ (505) 632 0615 | | |

| TYPE OR PRINT NAME: Landrea Jackson | TELEPHONE NO: (505) 632-0615 |
|-------------------------------------|------------------------------|
|-------------------------------------|------------------------------|

| APPROVED BY DEMY POINT TITLE: Enviro/Engp DATE: 11/19/03
APPROVED BY ALLY TITLE: prologist DATE: 11-19.03 | (This space for State Use) | n an an an an an an an an an an an an an | |
|--|----------------------------|--|--------------------|
| APPROVED BY DATE 11-19:03
APPROVED BY AUGUST DATE 11-19:03 | | Not THE FAILED | ENDI- DATE ILIGIOS |
| APPROVED BY ATTICE CO 109151 DATE 11-19:05 | APPROVED BY: D | | |
| | APPROVED BY: | y TITLE <u>for</u> | DATE 11-19-05 |

2/ 2 # 2/ 2

| MEM MEVICO ENE | DCV MINIEDALC |
|---|--|
| NEW MEXICO ENE
NATURAL RESO | CRGY, MINERALS and
URCES-DEPARTMENT |
| | 96052-056 |
| BILL RICHARDSON
Governor | Lori Wrotenbery
Director |
| Joanna Prukop
Cabinet Secretary | C)
C)
C)
C)
Oil Conservation Division |
| OF DUTIES OF S | |
| CERTIFICATE OF V | C.C. L. Marine |
| 1. Generator Name and Address | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility |
| ITAT they lat | Landfarm #2 |
| FARMINGTON, NM | Hilltop, New Mexico |
| 2 Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| 31-6 22911 11 | "L" Sec28, T31 N, R le W,
O BB/S - Rio arriba County |
| attach list of originating sites as appropriate | 0 /SB/S - Kid arriva county |
| 4. Source and Description of Waste | - muds & RETURNS |
| RIG RESPACE | |
| | |
| I. KUBERT A. WIRTANEN | |
| Print Name | representative for : |
| Portues Phillips Company | do hereby certify that, according to the Resource |
| Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | Agency's July, 1988, regulatory determination, the above |
| | PT oilfield waste which is non-hazardous by characteristic by product identification |
| and that nothing has been added to the exempt or non-exempt non -has | zardous waste defined above. |
| | heck appropriate items):
er (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | e de la construcción de la construcción de la construcción de la construcción de la construcción de la constru
La construcción de la construcción d |
| This waste is in compliance with Regulated Levels of Naturally Occ
NMAC 3.1 subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): Robert A. With | · |
| Title: 15E Supra | |
| Phone Number: <u>305-599-3462</u> | |
| Date: | |
| Oil Conservation Division * 1000 Rio E | Brazos Road * Aztec. New Mexico 87410 |
| Phone: (505) 334-6178 * Fax (505) 334 | |

| 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 87505State of New Mexico
Energy Minerals and Natural Resource
Oil Conservation Division
1220 South St. Francis Dr.,
Santa Fe, NM 87505 | NC Submit Original
Plus 1 Copy
to Appropriate
District Office | | |
|---|--|--|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE | | |
| 1. RCRA Exempt: Non-Exempt: | Generator: El Paso Field Services | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Campbell 30-11-30 #2
Well Tie Pipeline | | |
| 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) NE/4, Sec 30, T30N, R11W, San Juan County | Project #97057-088 | | |
| 9. <u>Circle One</u>: 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 contaminated with heavy produced hydrocarbons generated by an internal pipeline corrosion leak.

CWS Attached

Estimated Volume 36 cy

APPROVED BY:

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

<u>10</u> cy

DATE

| SIGNATURE Jack So
Waste Management Fability Authorized Agent | TITLE: Landfarm Manager | DATE: <u>November 12, 2003</u> |
|---|-------------------------------|--------------------------------|
| TYPE OR PRINT NAME: Landrea Jackson TELEPH | one no: <u>(505) 632-0615</u> | |
| (This space for State Use) | | |
| APPROVED BY Denny Fourt | TITLE Enviro/En | 92 DATE 11/19/20 |

TITLE:

ce legist



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

| | (S) AL | |
|--|--|--|
| BILL RICHARDSON
Governor
Joanya Prukop
Cabinet Secretary
CERT | IFICATE OF WAST | Lori Wrotenbery
Director
Oil Conservation Division
E STATUS |
| 1. Generator Name and Address:
El Paso Field Services Co.
614 Reilly Avenue
Farmington, NM 87401 | 2. Destination Name:
Envirotech So
Landfarm #2
Hilltop, New | nil Remediation Facility
Mexico |
| 3. Originating Site (name)
Campbell 30-11-30 #2 well tie pipeline | Location of Waste (Stree
Sec. 30, T30N, R11W,
NEL4 | |
| attach list of originating sites as appropriate
4. Source and Description of Waste
Soil contaminated with heavy produced hydroca | toons internal pipe | line corrossion leak. |
| I David Bays
Print Name | representative for: | |
| El Paso Field Services Co.
Recovery Act (RCRA) and Environmental Prote
(Check appropriate classification) | do hereby certify
ction Agency's July, 1988 regul | that, according to the Resource Conservation and
atory determination, the above described waste is: |
| X EXEMPT Oilfield waste | NON-EXEMPT oilfield
analysis or by product id | l waste which is non-hazardous by characteristic entification |
| and that nothing has been added to the exempt of | non-hazardous waste defined a | bove |
| For NON-EXEMPT waste only, the following of
MSDS Information
RCRA Hazardous Waste An
Chain of Custody | O | k appropriate items):
Ther (description) |
| This Waste is in compliance with Regulated Lev
subpart 1403 C and D. | els of Naturally Occurring Radi | oactive Material (NORM) pursuant to 20 NMAC 3.1 |
| Name (Original Signature): | ind Baye | |
| Title: Pnn | cipal Environmental Scientist | |
| Date: Nov | ember 11, 2003 | - · · · |
| Oil Conservation Division
Phone: (505) 334-6178 | * 1000 Rio Brazos Road *
* Fax (505) 334-6170 * | Aztec, NM87410
http://www.emnrd.state.nm.us |
| 32 L-624 P.03/03 F-639 | 22-669-909+ | to∧-11-03 00:10°m Erom-Er byso Fierd SVS |

| District 1 State of New Mez 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natur 1301 W. Grand Avenue; Artesia, NM 88210 Oil Conservation Di District III 0il Conservation Di 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 Santa Fe, NM 87505 | al Resources Activities al Resources Activities al Revised March 17, 1999
Ivision Submit Original
Plus I Copy
to Appropriate
505 Control of the Activities and the Ac | | | |
|--|--|--|--|--|
| REQUEST FOR APPROVAL TO A | CCEPTESOLID | | | |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🔀 | 4. Generator: Maralex Resources, Inc. | | | |
| Verbal Approval Received: Yes 🗌 No 🖾 | 5. Originating Site: Brimhall #2 | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Fac
Landfarm #2 | cility, 6. Transporter: Envirotech | | | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, 87401 | NM 8. State: New Mexico | | | |
| 7. Location of Material (Street Address or ULSTR) "A", Sec 18, T30N, I
San Juan County | R11W, Project #02053-004 | | | |
| 9. <u>Circle One</u> : | | | | |
| 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 contaminated soil generated from washing compre
leakage at wellhead. Oil contaminated soil cleaned up from around | 0 | | | |
| CWS & Analytical Attached. | | | | |
| *Date of C-138 and Certificate of Waste Status differ because I was not copied analytical results. | | | | |
| | -7 | | | |
| Estimated Volume cy Known Volume (to be entered by the operator | r at the end of the haul) 3 cy | | | |
| SIGNATURE Sandrea Raches TITLE: Landfar
Waste Management Facility Authorized Agent | m Manager DATE: November 12, 2003 | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | | |

| (This space for State Use) | | |
|----------------------------|--------------------|---------------------|
| APPROVED BY: Denny | Found TITLE Enviro | 1Engr DATE 11/19/03 |
| | | |
| APPROVED BY: | fight TITLE: geol | 09157 DATE 11-19-03 |
| | θ | |

| UCE 16 03 09:57a MAF TX RESOURC | CES INC 970-563-4116 |
|---|--|
| 10-16-03; 7:40AM; ENVIROIECH | 321885 # 2/ 2 |
| | 02053.004 |
| NEW MEXICO ENE | RGY, MINERALS and |
| | - |
| NATURAL RESU | URCES DEPARTMENT |
| | <u> </u> |
| BILL RICHARDSON
Covernor
Joanna Prukop
Cabinet Secretary | CONTRACTOR OF CO |
| | |
| CERTIFICATE OF V | VAŜŢE STATUS |
| 1. Generator Name and Address- | 2. Destination Name: |
| MARALER Resources, INC. | Envirotech Inc. Soil Remediation Facility |
| P.O. BUX 338 | Landfarm #2 |
| IgNACIO CO. 81137 | Hilltop, New Mexico |
| 3. Originating Site (name): ULA - 995 Frug
BRimhal #2 Sec. 18 - 730N - RI | Location of the Waste (Street address &/or UL,STR):
/W- |
| Som Sum county N.M. | |
| attach list of originating sites as appropriate
4. Source and Description of Waste | |
| - Compressor oil on soil from 4 | NAChina Compressor |
| -Oil Cubricator LOTAKADE D | ellevan |
| -Compressor oil on soil from U
-Oil Cubrication Contration De un
- oil Contraminated soil around | |
| | tiberg/Ass p.t. |
| L. DENNIS R. Reimers
Print Name | representative for : |
| MARAlex Resources, INC. | de benetiv entifie that seconding to the Decision |
| Conservation and Recovery Act (RCRA) and Environmental Protection
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield waste | PT oilfield waste which is non-hazardous by characteristic |
| | by product identification |
| and that nothing has been added to the exempt or non-exempt non -haz | zardous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attached (ch
MSDS Information Other | ieck appropriate items):
er (description |
| VISUS Information | a loosthion |
| Chain of Custody | |
| This waste is in compliance with Regulated Levels of Naturally Occ | urring Radinactive Material (NORM) pursuant to 20 |
| NMAC 3.1 subpart 1403.C and D. | |
| Name (Original Signature): Nennia R. Kume | m |
| Title: Engineering Mannager | |
| Phone Number: (970) 563-4000 | |
| Date: 10/16/03 | |
| | |

c;

_

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

FNVIROTECHLABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

TRACE METAL ANALYSIS

| | , | , | |
|--------------------|---------------|------------------|-------------|
| Client: | Maralex | Project #: | 02053-004 |
| Sample ID: | #1 | Date Reported: | 10-22-03 |
| Laboratory Number: | 26928 | Date Sampled: | 10-16-03 |
| Chain of Custody: | 11487 | Date Received: | 10-16-03 |
| Sample Matrix: | Soil | Date Analyzed: | 10-22-03 |
| Preservative: | Cool | Date Digested: | 10-20-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) |
|-----------|--------------------------|--------------------------|-------------------------------------|
| | | | |
| Arsenic | 0.016 | 0.001 | 5.0 |
| Barium | 0.392 | 0.001 | 100 |
| Cadmium | 0.001 | 0.001 | 1.0 |
| Chromium | 0.013 | 0.001 | 5.0 |
| Lead | 0.009 | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | 0.010 | 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: Brimhall #2 Composite from several locations on site.

Analyst

Withne Milaeten Review

INVIROTECH LABS

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | | QA/QC | | Project #: | | i | N/A |
|------------------------------------|----------------------------|-----------------|-------------------|---|-----------|------------|---------------------|
| Sample ID: | | 10-22-03 | * | Date Repo | orted: | | 10-22-03 |
| Laboratory Number: | | 26816 | | Date Sam | pled: | | N/A |
| Sample Matrix: | | Soil | | Date Rece | eived: | | N/A |
| Analysis Requested: | | Total RCR | A Metals | Date Anal | yzed: | | 10-22-03 |
| Condition: | | N/A | | Date Dige | sted: | | 10-17-03 |
| | | | | and of the second state to the second second in the second second second second second second second second | | | |
| Blank & Duplicate
Conc. (mg/Kg) | Instrument
Blank (mg/L) | Method
Blank | Detectio
Limit | n Sample | Duplicate | %
Diff. | Acceptance
Range |
| Arsenic | ND | ND | 0.001 | 0.006 | 0.006 | 0.0% | 0% - 30% |
| Barium | ND | ND | 0.001 | 0.217 | 0.215 | 0.9% | 0% - 30% |
| Cadmium | ND | ND | 0.001 | 0.001 | 0.001 | 0.0% | 0% - 30% |
| Chromium | ND | ND | 0.001 | ND | ND | 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 | 0.002 | 0.002 | 0.0% | 0% - 30% |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% |
| | | | | | | | |
| Spike | | Spike | Sample | Spiked | Percent | | Acceptance |
| Conc. (mg/Kg) | | Added | * 1 | Sample | Recovery | | Range |
| Arsenic | | 0.500 | 0.006 | 0.505 | 99.8% | | 80% - 120% |
| Barium | | 0.500 | 0.217 | 0.714 | 99.6% | | 80% - 120% |
| Cadmium | | 0.500 | 0.001 | 0.500 | 99.8% | | 80% - 120% |
| Chromium | | 0.500 | ND | 0.499 | 99.8% | | 80% - 120% |
| Lead | | 0.500 | ND | 0.498 | 99.6% | | 80% - 120% |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 120% |
| Selenium | | 0.500 | 0.002 | 0.501 | 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 26816, 26826 - 26834, 26928.

Analyst

) ceters Review

CHAN OF CUSTODY RECORD 11487

| Maralex Brinhall #2 ANALYSIS / PARAMETERS
Sampler: Client No. 2 8 Remarks | |
|--|----------|
| Sampler: Client No. | |
| | 5 |
| Sample No./ Sample Sample Lab Number Sample | |
| Sample No./ Sample Sample Lab Number Sample | |
| Identification Date Time Matrix | |
| ++1 10/16/13/130 26928 Soil 1 / Composite | |
| From Sev | exal |
| locations | ~ |
| location:
on site | э |
| | |
| | ······ |
| | |
| | |
| | |
| | |
| | |
| Relinquished by: (Signature) Date Time Received by: (Signature) Date | Time |
| | |
| Relinquished by: (Signature)
10/16/16/17 Redeived by: (Signature)
10/16/17 Analla Callson
10/16 | 11151 |
| 10/16/16:17 Randrea R Jackson 10/16 | 16.17 |
| Relinquished by: (Signature) | |
| ENVIROTECHINC. Sample Receipt | |
| | N N/A |
| 5796 U.S. Highway 64 Received Intact | |
| Farmington, New Mexico 87401
(505) 632-0615 Cool - Ice/Blue Ice | |

| District I
1625 N. French Dr., Hobbs, NM 88240
District II | State of New Mexico
Energy Minerals and Natural Resou | Urces | Form C-138
Revised March 17, 1999 |
|--|--|----------------------------------|--|
| 1301 W. Grand Avenue, Artesia, NM 88210
District III | | | |
| 1000 Rio Brazos Road, Aztec, NM 87410 | Oil Conservation Division
1220 South St. Francis Dr. | | Submit Original
Plus 1 Copy |
| <u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | Santa Fe, NM 87505 | 101/2000 ES | to Appropriate
District Office |
| | | | |
| REQUEST FO | R APPROVAL TO ACCE | PT SOLID WASTI | E |
| I. RCRA Exempt: 🔀 Non-Exempt: 🗌 | | 4. Generator: Chevron | n Texaco |
| Verbal Approval Received: Yes |] No 🔀 | 5. Originating Site: Ga
Unit | llegos Gallup Sand |
| 2. Management Facility Destination: Environ
Landfarm #2 | otech Soil Remediation Facility, | 6. Transporter: Enviro | otech |
| 3. Address of Facility Operator: 5796 U.S.
87401 | . Highway 64, Farmington, NM | 8. State: New Mexico | 0 |
| 7. Location of Material (Street Address or U
R11W, San Juan County | LSTR) NW/SE, Sec 7, T26N, | Project #01079-003 | |
| 9. <u>Circle One</u> : | | | |
| A. All requests for approval to accept oilfie one certificate per job. B. All requests for approval to accept non-material is not-hazardous and the Generapproved | | necessary chemical analysis | to PROVE the |
| All transporters must certify the wastes de | livered are only those consigned for trans | port. | |
| BRIEF DESCRIPTION OF MATERIAL: | | | |
| Hydrocarbon contaminated soil generate | ed during cleanup of unlined oilfie | ld production pit. | |
| CWS attached. | | | |
| | | | |
| | | | |
| | | | |
| · | | 23200 | |
| Estimated Volume 2,000 cy Known Volum | e (to be entered by the operator at the end | | , |
| Estimated volume 2,000 cy Known volume | e (to be entered by the operator at the ent | | _cy |
| SIGNATURE Sanduluk acks
Waste Management Rachity Authori | TITLE: Landfarm Mar | nager DATE: <u>Novemb</u> e | er 11, 2003 |
| TYPE OR PRINT NAME: Landrea Jackson | TELEPHONE NO: (505) 632-0615 | 5 | |
| (This space for State Use)
APPROVED BY: APPROVED BY: | ut TITLE: Encid
TITLE: 40 | oltingt Dài
10915t Dài
Dài | te: <u>11/24/03</u>
te: <u>(7-24-63</u> |
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| | O ENERGY, MINERALS and
RESOURCES DEPARTMENT |
|--|---|
| BILL RICHARDSON
Governor
Joanna Prukop
Cablact Secretary | NOV 2003
Unit Wrotenbery
Director
Oil Conservation Division |
| CERTIFIC | CATE OF WASTE STATUS |
| 1. Generator Name and Address
CHEVRON TEXACO
IIIII S. WILCREST
HOUSTON, TX, 77099 | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name):
(Jallegos (Jallup Sana
attach list of originating sites as appropriate | d Unit NWISE, SEC7, Tabn, RIIW,
San Juan County |
| | representative for: |
| Print Name
<u>CHEVRON</u> <u>TEXACO</u>
Conservation and Recovery Act (RCRA) and Environmescribed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
mental Protection Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield waste | analysis or by product identification |
| ad that nothing has been added to the exempt or non | -exempt non -hazardous waste defined above. |
| For NON-EXEMPT waste the following documentat
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | Other (description |
| This waste is in compliance with Regulated Levels
IMAC 3.1 subpart 1403.C and D. | of Naturally Occurring Radioactive Material (NORM) pursuant to 20 |
| Same (Original Signature): M. D. COW | heid |
| itle: EMC SENILOR SPECI | AUST |
| hone Number: 281. 561. 4995 | 5 |
| Date: 11/11/03 | · |
| Oil Conservation Divis
Phone: (505) 334-6178 | ion * 1000 Rio Brazos Road * Aztec, New Mexico 87410
8 * Fax (505) 334-6170 * <u>http://www.cmnrd.state.nm.us</u> |

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

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

Submit Original Plus I Čopy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🖂 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips | |
|--|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | Originating Site: Blanco #201 A Tank & B Tank | |
| 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) "L" Sec 36, T31N, R8W, San Juan County | Project #96052-055 | |

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:

<10bbls BS&W from tank bottoms from both the A Tank and B Tank.

CWS attached.



Estimated Volume ~20bbls cy

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

SIGNATURE/ Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: November 10, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

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| | the state of the second st | 20/Engr DATE: 11/12/03 |
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| 1 APPROVED RV: ($Z/2$) $Z/2$ $Z/2$ | | |
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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: |
|----------|---|--|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| · · · · | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
Blanco #201
Unit L, Sec. 35, T3IN,
San Juan County, N
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR):
APT # 30-045-27446
NOW 1560 FSL \$ B10 Fuel
M |
| | 4. Source and Description of Waste
< 10 BBL BS 2, W from | n tank bottoms - from A tank |
| | < 10 BBL BSIW fro | on tank bottoms - from B tank |
| I, | Print Name | representative for : |
| • | | |
| | ConocoPhillips Company
vation and Recovery Act (RCRA) and Environment
ed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
tal Protection Agency's July, 1988, regulatory determination, the above |
| EX | EMPT oilfield wasteN | ON-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-exer | npt non -hazardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | attached (check appropriate items):
Other (description |
| | ste is in compliance with Regulated Levels of Na
3.1 subpart 1403.C and D. | turally Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (C | Driginal Signature): | Olympia - |
| Title: | <u>NSC i Cempletrory Teci</u> | <u>handi k</u> â al An |
| Date: | 11-10-03 | · · · · · · · · · · · · · · · · · · · |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.einitd.state.nm.us

| 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 87505State of New Mexico
Energy Minerals and Natural Resout
Oil Conservation Division
1220 South St. Francis/Dr.District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505Oil Conservation Division
Santa Fe, NM 87505 | rces 578
Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office | | |
|---|---|--|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE | | |
| 1. RCRA Exempt: 🖂 Non-Exempt: 🗌 | CDX Rockies, LLC | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Penrose 1RX | | |
| 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) "M" Sec8, T32N, R6W, La Plata County | Project # 03040-00 2 | | |
| 9. <u>Circle One</u> : | | | |
| 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: | | | |

Solids, drill cuttings from installation of reserve pits.

CWS and OGCC authorization attached.

نه:

| Estimated Volume cy Known Volume (to be entered by the operator at the end of the haul) cy | | | | |
|--|--|--|--|--|
| SIGNATURE Management Facility Authorized Agent TITLE: Landfarm Manager DATE: November 4, 2003 | | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | | |
| (This space for State Use) | | | | |
| APPROVED BY: Deny territ TITLE: Enviro / Engl DATE: 12/10/03
APPROVED BY: August TITLE: Geologist DATE: 12-10-5 | | | | |
| APPROVED BY: A Hall TITLE: g cologist DATE: 12-10-3 | | | | |

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Proteop Cableet Secretary Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

| · | | |
|------------|--|--|
| 1 | . Generator Name and Address | 2. Destination Name: |
| 1 | CDX Gos, LLC | Envirotech Inc. Sou Remediation Facility |
| | 4801 N. Bitler AV. Suite 2000 | Lamarm #2
Willton New Marian |
| | Fromington N.M. 87401 | |
| 3 | Originating Sile (name): | Location of the Waste (Street address &/or ULSTR): |
| | Penrose IRX Well Name - SWSW | Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico
Location of the Waste (Street address &/or ULSTR):
Section 8732N R6W La Plata Co., Colordo |
| a | ttach list of originating sites as appropriate | |
| | Source and Description of Waste | |
| | Solids, drill cuttings from inc | dullation of reserve pit. |
| I, | Paul D. Tucker | representative for : |
| | CDX. Gas. LLC
lion and Recovery Act (RCRA) and Environmental Protection
waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
n Agency's July, 1988, regulatory determination, the above |
| <u> </u> | | PT oilfield waste which is non-hazardous by characteristic
by product identification |
| and that n | othing has been added to the exempt or non-exempt non -ha | izardous waste defined above. |
| | RCRA Hazardons Waste Analysis
Chain of Castody | ner (description |
| | te is in compliance with Regulated Levels of Naturally Oc
.1 subpart 1403.C and D. | eurning Radioactive Material (NORM) pursuant to 20 |
| Name (O | riginal Signature): Sauf A. Julhe | |
| Title: | riginal Signature): <u>Sauf Authen</u>
Production Superintendent | |
| Phone Nu | umber: (505) 376-3603 | |
| Date: | 11/4/03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.enurd.state.nm.us</u>



DEPARTMENT OF NATURAL RESOURCES

Bill Owens, Governor 1120 Lincoin St., Suite 801 Denver, CO 80203 Phone: (303) 894-2100 FAX: (303) 894-2109 www.oll-gas.state.co.us

November 6, 2002

CDX ROCKIES, LLC PENROSE #1RX (API # 05-067-08699) SWSW SECTION 8 T32N R6W NMPM LINED DRILLING PIT PERMIT APPROVAL CONDITIONS OF APPROVAL

- 1. Refer to this pit by facility number <u>265128</u> on all future correspondence
- 2. A Form 27 must be submitted for prior approval when this pit is closed and reclaimed.
- 3. The pit liner must be removed and disposed in accordance with COGCC Rule 905.b.(3).A
- 4. Paperwork that documents the disposal of both the liner and the drilling mud must be submitted to the COGCC.

DEPARTMENT OF NATURAL RESOURCES: Grag E. Walchar, Executive Olivector

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COGCC COMMISSION; Tom Ann Casey - Brian Cree - Microsol Kitsh - Prer Muetler - J. Thomas Reagan - Lynn Shook - Stephen Sannenberg COGCC STAFF: Richard T. Griebling, Director - Brian J. Macka, Deputy Director - Morris Bell, Operations Manager Patricia C. Beaver, Nearings Manager - Thomas J. Kerr, Information Manager

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| District IState of New Mexico1625 N. French Dr., Hobbs, NM 88240Energy Minerals and Natural ResouDistrict IIDistrict IIIDistrict IIIOil Conservation Division | |
|---|--|
| 1000 Rio Brazos Road, Aztec, NM 874101220 South St. Francis Dr.District IV1220 South St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505Santa Fe, NM 87505 | DIVISION Plus 1 Copy
bivision to Appropriate
District Office |
| REQUEST FOR APPROVAL TO ACCEP | PT SOLID WASTE |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🔀 | 4. Generator: Coastal Chemical, LLC |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Hwy 550 (7 miles
North of Aztec, New Mexico) |
| 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) Hwy 550, 7 miles North of Aztec, New Mexico | Project #95007-014 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste cla approved All transporters must certify the wastes delivered are only those consigned for transp BRIEF DESCRIPTION OF MATERIAL: Unused motor oil - Conoco GEO 15/40. | ecessary chemical analysis to PROVE the assified hazardous by listing or testing will be |
| CWS and MSDS attached. | 366/5 |
| 1 audices Lanvers Llaco | · · · · · · · · · · · · · · · · · · · |
| SIGNATURE Waste Management Facility Authorized Agent | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | 10 Sois- |
| (This space for State Use)
APPROVED BY FOUND FORCE TITLE ENVIRONMENT
APPROVED BY MARY (144) THE ENVIRONMENT | Engl DATE 10/31/03
Codejsz DATE 11/5/03 |

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District 1 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🛛 Non-Exempt: 🔀 | 4. Generator: Coastal Chemical, LLC | |
|---|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Hwy 550 (7 miles
North of Aztec, New Mexico) | |
| 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) Hwy 550, 7 miles North of Aztec, New Mexico | Project #95007-014 | |

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:

Unused motor oil - Conoco GEO 15/40.

Temp

CWS and MSDS attached.

VPPROVED BY

PPROVED B



DATE

| Estimated Volume <u>3 barrels</u> cy K | nown Volume (to be entered by the operator at the end of the | e haul)cy |
|--|--|-----------------------|
| SIGNATURE AMARGA JACK
Waste Management Facility A | IM IND TITLE: Landfarm Manager | DATE: <u>10/28/03</u> |
| TYPE OR PRINT NAME: Landrea Jac | cson TELEPHONE NO: (505) 632-0615 | |

TITLÉ

Feat TITLE Enviro FENSE DATE 10/31/US

COASTAL CHEMICAL

'áU 505-327-9302 P.02



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prekop Cabinet Secremary Lori Wrotenbery Director Oll Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: | | |
|--|--|--|--|
| | Envirotech Inc. Soil Remediation Facility | | |
| Coastal Chemical
1130 Madison Lane | Landfarm #2 | | |
| 1130 Madison Lane | Hilltop, New Mexico | | |
| 150 Madison Lane
Farming ton MM 87401
3. Originating Site (name): | | | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): | | |
| I miles Northof A | ztec NM on | | |
| fwg 550
attach list of originating sites as appropriate | | | |
| | | | |
| Unused motor oil | Conoco GEO 15/40 | | |
| | | | |
| | | | |
| , Troy L. WAtson | representative for : | | |
| Print Name | 4 | | |
| Coastal Chemical | do hereby certify that, according to the Resource | | |
| Conservation and Recovery Act (RCRA) and Environmental Protection | n 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 -ha | zardous waste defined above. | | |
| | | | |
| For NON-EXEMPT waste the following documentation is attached (c | theck appropriate items):
ter (description | | |
| MSDS InformationOth
RCRA Hazardous Waste Analysis | the (deposition | | |
| Chain of Custody | | | |
| | | | |
| This waste is in compliance with Regulated Levels of Naturally Oc | curring Radioactive Material (NORM) pursuant to 20 | | |
| NMAC 3.1 subpart 1403.C and D. | | | |
| Name (Original Signature): 1001 1 Water | | | |
| Title: Area Managen | | | |
| Phone Number: 505-327-9280 | | | |
| | | | |

Date:

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Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.ennrd.state.nm.us</u>

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| ricants - Material and Safety Data Sheets | | | Page |
|--|--|---------------------|----------------------|
| GETTING TO
SEARCE
Bortants | Ð | | HOMEPACT |
| | | | |
| 86×0 | | AGOD BUILTE | arch Help |
| EL MAR GEO | | Click here for th | e <u>PDE version</u> |
| # 1. CHEMICAL PRODUCT/COMPANY IDENT | IFICATION | | |
| ÊL M | 1AR GEO | | |
| MSDS Code: MOTC0055 | Re | vísion Date: | 19-Oct-2000 |
| "EL MAR" is a registered trademark | of Conoco. | | |
| Product Use: Natural Gas E
Grade: 15W-40, 30/40
Conoco Blend Codes: 7511, 7512 | | | |
| MANUFACTURER/DISTRIBUTOR
Conoco Inc.
P.O. Box 2197
Houston, TX 7725
MANUFACTURER/DISTRIBUTOR
Conoco Inc.
PO Box 2197
Houston, TX 7725 | | | |
| PHONE NUMBERS
Product Information : 1-281-
Transport Emergency : CHEMTR
1-703-
Medical Emergency : 1-800-
WEB SITE : www.co | EC 1-800-424-9
527-3887 (inte
342-5119 or 1- | rnational; ca | ll collect) |
| # 2. COMPOSITION/INFORMATION ON ING | REDIENTS | | |
| Components
Highly refined base oils | CAS Numbers | 30-100
0-60 | |
| Proprietary additives
If oil mist is generated, exposure | e limits apply. | 0-15
(See Sectio | n 8.) |
| 3. HAZARDS IDENTIFICATION | | ·. | |
| APPEARANCE / ODOR
Light brown liquid / mild petro | VERVIEW | | |
| OSHA REGULATORY STATUS
This material is not known to b
Regulations. | be hazardous as | defined unde | r Osha |
| HMIS RATING | | | |

OCT-24-2003 16:18 COASTAL CHEMICAL 'áU 505 327 9302 P.03 Lubricants - Material and Satery Data Sheets Page 2 of 6 Health: 1; Flammability: 1; Reactivity: 0 Potential Health Effects Primary Route of Entry: Skin The product, as with many petroleum products, may cause minor skin, eye, and lung irritation, but good hygienic practices can minimize these effects. Normal use of this product does not result in generation of an oil mist. However if an oil mist is generated, overexposure can cause minor and reversible irritation to the eyes, skin, and especially the lungs. Proper personal protective equipment and sufficient ventilation can provide adequate protection. "USED" Motor Oil -There are no epidemiology studies showing "used" motor oil to be carcinogenic. Health hazards to "used" motor oil can be minimized by avoiding prolonged skin contact. 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 _____ 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 Material poses an aspiration hazard. If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. 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 : 205 C (401 F) (Minimum) Method: PMCC Flash Point (15W-40) 235 C (455 F) (Typical) Method: COC (30/40)263 C (505 F) (Typical) Method: COC : Not Available Autoignition NFPA Classification : Class IJJB Combustible Liquid. NFPA Rating : Health 0; Flammability 1; Reactivity 0 Extinguishing Media Water Spray, Foam, Dry Chemical, CO2. Fire Fighting Instructions Water or foam may cause frothing. Use water to keep fire-exposed

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Page 3 of 6

Lubricants - Material and Sale, Data Sheets

containers cool. Water spray may be used to flush spills away from exposures. 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 Safequards (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, and flame. Initial Containment Dike spill. Prevent material from entering sewers, waterways, or low areas. Spill Clean Up Recover free liquid for reuse or reclamation. 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 contaminated clothing prior to reuse. Handling (Physical Aspects) 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. Store in a cool, dry, well-ventilated place. Store away from oxidizers, heat, sparks and flames. 8. EXPOSURE CONTROLS/PERSONAL PROTECTION Engineering Controls VENTILATION Normal shop ventilation. 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 PROTECTION Safety glasses with side shields. OTHER PROTECTIVE EQUIPMENT Coveralls with long sleeves if splashing is probable. OTHER PRECAUTIONS Avoid any prolonged or repeated skin contact with "used" motor oil.

P.05

Page 4 of 6

Lubricants - Material and Sa. , Data Sheets

```
Wash thoroughly with soap and water after contact.
  Applicable Exposure Limits
    If oil mist is generated, exposure limits apply.
    PEL
        (OSHA)
                    : 5 mg/m3, 8 Hr. TWA
    TLV
                     : 5 mg/m3, 8 Hr. TWA, STEL 10 mg/m3
        (ACGIH)
9. PHYSICAL AND CHEMICAL PROPERTIES
Physical Data
    Vapor Pressure : Nil
Vapor Density : >1 (Air=1.0)
% Volatiles : Nil
 % Volatiles
                                         .. .. .
   % Volatiles
Evaporation Rate : Nil
Solubility in Water : Insoluble
: Petroleum
                                              . ....
                     : Petroleum Hydrocarbon (mild).
    Form
                     : Liquid.
   Color
                     : Brown (light).
                   : 0.87 - 0.88 @ 60 F (16 C)
    Specific Gravity
   Density
                    : 7.31-7.34 lb/gal @ 60 F (16 C)
10. STABILITY AND REACTIVITY
Chemical Stability
   Stable.
 Conditions to Avoid
   Heat, sparks, and flames.
 Incompatibility with Other Materials
   Incompatible or can react with oxidizers.
 Decomposition
   Normal combustion forms carbon dioxide; incomplete combustion may
   produce carbon monoxide.
 Polymerization
   Polymerization will not occur.
 _______
11. TOXICOLOGICAL INFORMATION
 Animal Data
   Mouse skin painting studies have shown that highly solvent-refined
   petroleum distillates similar to ingredients in this product have
   not caused skin tumors.
   "USED" Motor Oil -
   Laboratory studies with mice have shown that "Used" motor oil
   applied repeatedly to the skin caused skin cancer. In these studies,
   the "Used" motor oil was not removed between applications.
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.
 Container Disposal
   Empty drums should be completely drained, properly bunged, and
   promptly shipped to the supplier or a drum reconditioner. All other
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4

Lubricants - Material and Sal., Data Sheets

COASTAL CHEMICAL

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505 327 9302 P.06

Page 5 of 6

containers should be disposed of in an environmentally safe manner. 14. TRANSPORTATION INFORMATION **** Shipping Information DOT: Not regulated. ICAO/IMO: Not restricted. # 15. REGULATORY INFORMATION U.S. Federal Regulations OSHA HAZARD DETERMINATION Under normal conditions of use, this material is not known to be 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 : No Acute c : No : No Chronic Fire-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 has been evaluated for RCRA characteristics and does not meet hazardous waste criteria if discarded in its purchased form. Because of product use, transformation, mixing, processing, etc., which may render the resulting material hazardous, it is the product user's responsibility to determine at the time of disposal whether the material meets RCRA hazardous waste criteria. 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). : Petroleum Hydrocarbons. Ingredient : Film or sheen upon or discoloration of Reportable Quantity any water surface. State Regulations (U.S.) CALIFORNIA "PROP 65" This material may contain trace amounts of ingredients known to the State of California to cause cancer, birth defects, or other reproductive harm. Read and follow all label directions. PENNSYLVANIA WORKER & COMMUNITY RIGHT TO KNOW ACT This material is not known to contain any ingredient(s) subject to the Act. Canadian Regulations This is not a WHMIS Controlled Product. 16. OTHER INFORMATION

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Lubricants - Material and Satery Data Sheets

| NOTE : | be used in non-diap
air" unless the out | other hydrocarbon-based lubricant should not
hragm compressors that produce "breathing
let is monitored continuously for carbon
bricants can produce carbon monoxide when
emperatures. |
|------------------------------------|--|--|
| spe
com
Res
Add
>
> | cific material desig
bination with any ot
ponsibility for MSDS
ress | : Conoco Inc.
: PO Box 2197
: Houston, TX 77252 |
| Tel | ephone | : 1-281-293-5550 |

Indicates updated section.

End of MSDS

Questions can be directed to our MSDS administrator.

products services contacts news and info

@ Connco Inc., 2000 All rights reserved. Legal. Privacy, and Security Notices.

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔀 Non-Exempt: 🔲 | 4. Generator: Conoco Phillips | |
|---|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Sunnyside CPD
Unit E | |
| 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) "E" Sec. 9, T33N, R9W,
La Plata County | Project #96052-051 | |

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:

Approx. 22 cy soil stained from compressor sump overflow due to rain washout (contains used lube oil).

CWS attached.

OCT 2003

cv

Estimated Volume 22 cy Known Volume (to be entered by the operator at the end of the har

| SIGNATURE Waste Management Facility Authorized Agent | TITLE: Landfarm Manager | DATE: October 28, 2003 |
|--|-------------------------|------------------------|
|--|-------------------------|------------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615



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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: |
|----------|--|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
Swnyside CPD
Writh E, Sec. 9, T33N, 19W
Laplata County, CO
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR): |
| | 4. Source and Description of Waste
12 Cy Soil Stained from comp
washout (contains used | pressor sump overflow due to rain
lube oil) |
| I, | MONICE, D. OISON
Print Name | representative for : |
| | ConocoPhillips Company | do handler and if that an article of the D |
| | vation and Recovery Act (RCRA) and Environmental Protection
ad waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| EX | | T oilfield waste which is non-hazardous by characteristic y product identification |
| and that | nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attached (ch
MSDS InformationOthe
RCRA Hazardous Waste Analysis
Chain of Custody | eck appropriate items):
r (description |
| | ste is in compliance with Regulated Levels of Naturally Occu
3.1 subpart 1403.C and D. | rring Radioactive Material (NORM) pursuant to 20 |
| Name (C |)riginal Signature): | |
| Title: | <u>NSE i Remblery Technic</u> ia | |
| Date: | 10-27-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

| ★ _ ¥ | | | | |
|--|---|----------------------|---|--|
| District I,
* 1625 N. French Dr., Hobbs, NM 88240
District II En
1301 W. Grand Avenuc, 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
ergy Minerals and Natural Resol
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | OCT 2003 | Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office | |
| REQUEST FOR A | APPROVAL TO ACCÉÍ | T SOLID WASTE | | |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🗌 | | 4. Generator: Conoco | Phillips | |
| Verbal Approval Received: Yes | No 🖂 | | Juan 32-8
t #203A
#30-045-31338 | |
| 2. Management Facility Destination: Envirotech
Landfarm #2 | n Soil Remediation Facility, | 6. Transporter: TBA | | |
| 3. Address of Facility Operator: 5796 U.S. Hig
87401 | hway 64, Farmington, NM | 8. State: New Mexico | | |
| 7. Location of Material (Street Address or ULSTR
San Juan County |) "P" Sec. 33, T32N, R8W, | Project #96052-050 | | |
| 9. <u>Circle One</u>: 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: Approx. 30 BBL sediment and wash water from cleaning out a transport trailer containing drilling mud & cement. CWS attached. | | | | |
| HOBBS
Estimated Volume <u>30 BBL</u> cy Known Volume (to be entered by the operator at the end of the haul)cy | | | | |
| SIGNATURE <u>AWAREA</u> JACKSM / NO TITLE: <u>Landfarm Manager</u> DATE: <u>October 28, 2003</u>
Waste Management Facility Authorized Agent | | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | | |
| (This space for State Use)
APPROVED BY: Department TITLE: Encoro/Engl. DATE: 10/31/03
APPROVED BY: AMAL TITLE: 9 co/apist DATE: 10-31-03 | | | | |

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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

| Γ | 1. Generator Name and Address | 2. Destination Name: |
|---------------------------|---|--|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | San Juan County, New Mikico | Location of the Waste (Street address &/or ULSTR):
AP. J. # 30-045-31338
10'FSL & UB5' FEL |
| 4 | 1. Source and Description of Waste
~30 BBL Sediment & wash wa
trailer containing drilling much | ter from cleaning out a transport
i cement |
| I, | Print Name | representative for : |
| Conservati
described v | ConocoPhillips Company
on and Recovery Act (RCRA) and Environmental Protectio
waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
on Agency's July, 1988, regulatory determination, the above |
| EXEN | MPT oilfield wasteNON-EXEMNON-EXEM | IPT oilfield waste which is non-hazardous by characteristic by product identification |
| and that no | thing has been added to the exempt or non-exempt non -ha | azardous waste defined above. |
| For NON-H | EXEMPT waste the following documentation is attached (c
MSDS InformationOth
RCRA Hazardous Waste Analysis
Chain of Custody | heck appropriate items):
her (description |
| | is in compliance with Regulated Levels of Naturally Occ
subpart 1403.C and D. | curring Radioactive Material (NORM) pursuant to 20 |
| Name (Orig | ginal Signature): | |
| Title: | <u>St. E. Romaliatury Tochenic</u> ia | |
| Date: | 10 - 24 - 03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.einnrd.state.nm.us

District 1 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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🛛 Non-Exempt: 🗌 | 4. Generator: Robert L. Bayless | |
|--|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site:
Tocito Dome Tank Battery | |
| 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) "NE/4" Section 20, T26N, R18W, San Juan County | Project #92102-010 | |

9. <u>Circle One</u>:

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 7 cy spent Sulfatrent material grey gravel material containing Iron Pyrite A 201/06/2020

CWS attached.

Estimated Volume 7 cy Known Volume (to be entered by the operator at the end of the haul) $\frac{15}{15}$

| SIGNATURE LANdrea Jackson / JN
Waste Management Facility Authorized Agent | 2 TITLE: Landfarm Manager | DATE: <u>10/28/03</u> |
|--|---------------------------|-----------------------|
|--|---------------------------|-----------------------|

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| | y De | my | Fent | | | | | | |
|----|-------|-------|-----------|-------|---------|-----|---------|-------|---|
| No | Naváj | O AUT | hovizatio | ~ -V. | eceived | pre | Viously | 1,127 | - |

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7-30-01;10:10AM;ENVIROTEC

;5056921865

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2/ 2



Title:

Date:

NGING

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NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON GOVERNOR OIL CONSERVATION DIVISION AZTED DISTRICT OFFICE 1000 RID BRAZOS ROAD AZTEC, NEW MEXICO 87410 (308) 334-6178 Fax (505)334-6171

JENNIFER A. SALISBURY CABINET SECRETARY

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address: | |
|---|---|
| | 2. Destination Name: |
| ROBERT L, BAYLESS | Envirotech Soil Remediation Facility |
| PO BOX 168. | Landarm #2 |
| TARMINGTON, NIM 87499 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| TOLITO DOME TANK BASIERY | |
| NE/Y, JELTION 20, T26N, RISW | |
| SAN JUAN COUNTY, NM | |
| Attach list of originating sites as appropriate | |
| | <i>l</i> . |
| TOY SPENT JULFATREAS MATE | CIAL GREY GRAVEL MATERIAL CONTAINING |
| ROAL PYRITE | |
| TROAT FYRITE, | |
| · · · · · · | , |
| | |
| Aler | · |
| 1, JOAN MCARSTLY | representative for: |
| ROBERT L. DAYLES (Print Name) | |
| | do hereby certify that,
ry Act IRCRA) and Environmental Protection Agency's July, |
| | avasta is. (Chack appropriate classification) |
| EXEMPT oilfield waste NON-EXEM | IPT oilfield waste which is non-hazardous by characteristic |
| | |
| analysis or | by product identification |
| analysis or | by product identification |
| and that nothing has been added to the exempt or no | by product identification |
| and that nothing has been added to the exempt or no | by product identification
n-exempt non-hazardous waste defined above. |
| and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information | by product identification
n-exempt non-hazardous waste defined above. |
| and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items):
Other (description): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of I | by product identification
n-exempt non-hazardous waste defined above,
tion is attached (check appropriate items): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items):
Other (description); |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of I | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items):
Other (description): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of I
to 20 NMAC 3.1 subpart 1403,C and D.
MMCT | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items):
Other (description): |
| analysis or
and that nothing has been added to the exempt or no
For NON-EXEMPT waste the following documenta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
This waste is in compliance with Regulated Levels of I | by product identification
n-exempt non-hazardous waste defined above.
tion is attached (check appropriate items):
Other (description); |

District 1 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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | Generator: Conoco Phillips |
|---|-------------------------------------|
| Verbal Approval Received: Yes 🗌 No 🛛 🗮 Osto | 5.20riginating Site: Jicarilla A#12 |
| 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. 24, T26N, R4W, Rio Arriba County | Project #96052-049 |

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:

Contaminated soil generated by an overflow from vent spray to a pit tank containing produced water and condensate.

CWS and notification to Jicarilla EPO attached.

| Estimated Volume <u>6-8</u> cy | Known Volume (to be entered | by the operator at the end of the ha | aul) <u> </u> |
|--------------------------------|---|--------------------------------------|-------------------------------|
| SIGNATURE Waste Managen | RAULSS
ent Eacility Authorized Agent | TITLE: Landfarm Manager | DATE: <u>October 22, 2003</u> |

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615





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 | Envirotech Inc. Soil Remediation Facility |
| 5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| Jicarilla It #12 AP
Unit D, Sec. 24, T26N, R4W; BB
Rid Arriva County, NM
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR):
T # 30-039 - 20396
b' FNL & 850' FWL
from |
| pit tank containing produced | by an overflow/vent spray to a water & condensate |
| I,Print Name | representative for : |
| ConocoPhillips Company
Conservation and Recovery Act (RCRA) and Environmental Protection A
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield wasteNON-EXEMPT analysis or by | F oilfield waste which is non-hazardous by characteristic
product identification |
| and that nothing has been added to the exempt or non-exempt non -haza | rdous waste defined above. |
| For NON-EXEMPT waste the following documentation is attached (chea
MSDS InformationOther
RCRA Hazardous Waste Analysis
Chain of Custody | ck appropriate items):
(description |
| This waste is in compliance with Regulated Levels of Naturally Occur
NMAC 3.1 subpart 1403.C and D. | rring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): | |

自己的新闻意义的 100 Title: 10-22 Date:

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u> ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: October 22, 2003

No. of pages including cover sheet: 3

| То: | Keith Manwell | From: | Monica D. Olson |
|-----------|---------------------|------------|-----------------|
| Company: | Jicarilla EPO | Department | San Juan HSE |
| Location: | Dulce, NM | Phone: | 505-599-3458 |
| Phone: | 505-759-3242 x. 404 | Fax: | 505-599-3442 |
| Fax: | 505-759-9122 | | |
| | | | |

Remarks: 🗆 Urgent X For your review 🗆 Reply ASAP 🗆 Please Comment

Hi Keith,

This fax is to inform you that soil will be taken off the following locations and hauled to the Envirotech landfarm in Farmington.

AXI Apache J #19 – On Sept. 5th, it was discovered that the pit tank had overflowed. 1 BBL spilled fluid was standing around the tank, with fluids soaking into the ground at a maximum of 6" deep. This was produced water, mixed with oil/condensate that ran over into the surrounding soil. We calculated this to be a 3.2 BBL spill (produced water mixed with oil/condensate). Remediation was completed on Oct. 7th. 6-8 cubic yards of soil was excavated, and the excavation was backfilled with soil from location.

Jicarilla A #12 – This spill was discovered on Sept. 23rd. The pit tank had over spray from the vent (back pressure regulator) and went over. The pit has a swirl pot. The east side of the pit had about 3" of staining and the west side had about 1/8". The pit has dirt up to the pit on the west side and about a foot from the top on the east side. When it rained, the tank overflowed into the earthen pit. We calculated this to be a 4 BBL spill (produced water mixed with condensate). Remediation was completed on Oct. 14th. 6-8 cubic yards of soil was excavated, and the excavation was backfilled with soil from location.

Please call me if you have any questions. Thank you!

Monica D. Olson

| 10-22-03 | 10:55AM; | ConocoPhi | llips |
|----------|----------|-----------|-------|
|----------|----------|-----------|-------|

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TRANSMISSION VERIFICATION REPORT

TIME : 10/22/2003 11:50 NAME : CONOCOPHILLIPS FAX : 5055993438 TEL : 5055993438

.

· .

 DATE, TIME
 10/22
 11:48

 FAX ND./NAME
 915057599122

 DURATION
 00:01:05

 PAGE(S)
 03

 RESULT
 OK

 MODE
 STANDARD

 ECM
 ECM

| District I State of New Mexic 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural District II 000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 | Resources OC7
sion C-138
Revised March 17, 1999
Sion C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate | | | |
|--|---|--|--|--|
| REQUEST FOR APPROVAL TO AC | CEPT SQLID WASSTE | | | |
| 1. RCRA Exempt: 🖂 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips | | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: AXI Apache J#19 | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facili
Landfarm #2 | ty, 6. Transporter: TBA | | | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, N
87401 | M 8. State: New Mexico | | | |
| 7. Location of Material (Street Address or ULSTR) "D" Sec. 6, T25N, R5V
Rio Arriba County | V, Project #96052-048 | | | |
| 9. <u>Circle One</u> : | | | | |
| 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 iransporters must certify the wastes delivered are only those consigned for transport. | | | | |
| BRIEF DESCRIPTION OF MATERIAL: | | | | |
| Contaminated soil generated when pi tank containing produced water/oil/condensate overflowed. | | | | |

CWS and notification to Jicarilla EPO attached.

.

| Estimated Volume <u>6-8 cy</u> | Known Volume (to be entered | by the operator at the end of the h | aul) <u> </u> |
|---|--------------------------------|-------------------------------------|-------------------------------|
| SIGNATURE <u>Jundall</u>
Waste Manager | nent/Facility Authorized Agent | TITLE: Landfarm Manager | DATE: <u>October 22, 2003</u> |

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | The state of the s | |
|----------------------------|-------------|--|----------------------|
| APPROVED BY: Denny | kent TITLE: | Enviro/Eng | DATE: 10/31/03 |
| APPROVED BY: | Kyle TITLE: | 1 cologist | DATE: <u>10-31-3</u> |
| | | | |

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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: |
|----------|---|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| . , | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | AXI Apache J#19
Unit D, Sec. 6, TZ5N, R5W; 990'FNL | API # 30-039-20414 |
| | and proba County NM | 2 740 FWL |
| | GO Arriba County, NM
attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | 6-8 cubic yards soil stained w | then pit tank containing produced |
| | water/oil/condensate overflow | then pit tank containing produced ed |
| | | |
| | | |
| | | |
| I. | Monice D. Olson | representative for : |
| · | Print Name | |
| · | ConocoPhillips Company | to hereby certify that according to the D |
| Conserv | vation and Recovery Act (RCRA) and Environmental Protection | do hereby certify that, according to the Resource |
| | ed waste is: (Check appropriate classification) | |
| | | |
| EX | EMPT oilfield wasteNON-EXEMP | T oilfield waste which is non-hazardous by characteristic |
| | analysis of b | y product identification |
| and that | nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| | | |
| For NO | N-EXEMPT waste the following documentation is attached (ch | |
| | | r (description |
| | <u> </u> | |
| | Chain of Custody | |
| This way | ste is in compliance with Regulated Levels of Naturally Occu | urring Radioactive Material (NORM) pursuant to 20 |
| | 3.1 subpart 1403.C and D. | |
| | Maria St. Alexan | |
| Name (C |)riginal Signature): | |
| Title: | <u>HSC i Romanderry Technic</u> ia | |
| Deter | 10-22-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u> ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: October 22, 2003

No. of pages including cover sheet: 3

| То: | Keith Manwell | From: | Monica D. Olson |
|-----------|---------------------|-------------|-----------------|
| Company: | Jicarilla EPO | Department: | San Juan HSE |
| Location: | Dulce, NM | Phone: | 505-599-3458 |
| Phone: | 505-759-3242 x. 404 | Fax: | 505-599-3442 |
| Fax: | 505-759-9122 | | |
| L | | L | |

Remarks:
Urgent X For your review
Reply ASAP
Please Comment

Hi Keith,

This fax is to inform you that soil will be taken off the following locations and hauled to the Envirotech landfarm in Farmington.

AXI Apache J #19 – On Sept. 5th, it was discovered that the pit tank had overflowed. 1 BBL spilled fluid was standing around the tank, with fluids soaking into the ground at a maximum of 6" deep. This was produced water, mixed with oil/condensate that ran over into the surrounding soil. We calculated this to be a 3.2 BBL spill (produced water mixed with oil/condensate). Remediation was completed on Oct. 7th. 6-8 cubic yards of soil was excavated, and the excavation was backfilled with soil from location.

Jicarilla A #12 – This spill was discovered on Sept. 23rd. The pit tank had over spray from the vent (back pressure regulator) and went over. The pit has a swirl pot. The east side of the pit had about 3" of staining and the west side had about 1/8". The pit has dirt up to the pit on the west side and about a foot from the top on the east side. When it rained, the tank overflowed into the earthen pit. We calculated this to be a 4 BBL spill (produced water mixed with condensate). Remediation was completed on Oct. 14th. 6-8 cubic yards of soil was excavated, and the excavation was backfilled with soil from location.

Please call me if you have any questions. Thank you!

Monica D. Olson

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TRANSMISSION VERIFICATION REPORT

: 10/22/2003 11:50 : CONOCOPHILLIPS : 5055993438 : 5055993438 TIME NAME FAX TEL

 DATE,TIME
 10/22
 11:48

 FAX
 ND./NAME
 915057599122

 DURATION
 00:01:05

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 RESULT
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 MODE
 STANDARD

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 ECM

| 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 Resou
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | urces
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|---|---|---|--|--|--|
| REQUEST FO | R APPROVAL TO ACCEI | PT SOLUDWASTE | | | |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🗌 | | 4. Generator: Conoco Phillips | | | |
| Verbal Approval Received: Yes | No 🖾 | 5. Originating Site: West La Posta CDP | | | |
| 2. Management Facility Destination: Enviro
Landfarm #2 | tech Soil Remediation Facility, | 6. Transporter: TBA | | | |
| 3. Address of Facility Operator: 5796 U.S.
87401 | Highway 64, Farmington, NM | 8. State: Colorado to New Mexico | | | |
| 7. Location of Material (Street Address or UL
La Plata County | STR) "D" Sec 9, T33N, R10W, | Project #96052-047 | | | |
| 9. <u>Circle One</u>: 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 deli | vered are only those consigned for trans | port. | | | |
| BRIEF DESCRIPTION OF MATERIAL:
Contaminated soil from compressor sump tank (used lube oils) and from dehy pit tank (produced water.) | | | | | |
| CWS and notification to CDPHE attached. Estimated Volume <u>14 cy</u> Known Volume (to be entered by the operator at the end of the haul) | | | | | |
| SIGNATURE Hanagement Facility Authorized Agent TITLE: Landfarm Manager DATE: October 22, 2003 | | | | | |

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use) APPROVED BY: DEMY TOT TITLE ENVOLENCE DATE: 10/31/05 APPROVED BY: MULLING TITLE: 9.010915 DATE: 70-31-5

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| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary | Lori Wrotenbery
Director
Oil Conservation Divisio |
|---|---|
| CERTIFIC | CATE OF WASTE STATUS |
| 1. Generator Name and Address
ConocoPhillips Company
5525 Highway 64
Farmington, NM 87401 | 2. Destination Name:
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name):
West La Posta CPD
NWNW, Sec. 9, T33N, RIO
La Plata Courty, to CO
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR): |
| | soil from compressor sump tank (used lube
pit tank (produced water) |
| Print Name | representative for : |
| | |
| ConocoPhillips Company
onservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
ental Protection Agency's July, 1988, regulatory determination, the above |
| | do hereby certify that, according to the Resource
ental Protection Agency's July, 1988, regulatory determination, the above
NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification |
| Conservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification) | ental Protection Agency's July, 1988, regulatory determination, the above
NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification |
| Conservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification) | ental Protection Agency's July, 1988, regulatory determination, the above
NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
exempt non -hazardous waste defined above. |
| Conservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-e
or NON-EXEMPT waste the following documentation
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
his waste is in compliance with Regulated Levels of | ental Protection Agency's July, 1988, regulatory determination, the above
NON-EXEMPT oilfield waste which is non-hazardous by characteristic
analysis or by product identification
exempt non -hazardous waste defined above.
n is attached (check appropriate items): |
| Conservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-e
for NON-EXEMPT waste the following documentation
MSDS Information.
RCRA Hazardous Waste Analysis
Chain of Custody
his waste is in compliance with Regulated Levels of
MAC 3.1 subpart 1403.C and D. | ental Protection Agency's July, 1988, regulatory determination, the above <u>NON-EXEMPT</u> oilfield waste which is non-hazardous by characteristic analysis or by product identification exempt non -hazardous waste defined above. n is attached (check appropriate items):Other (description |
| Conservation and Recovery Act (RCRA) and Environm
escribed waste is: (Check appropriate classification)
EXEMPT oilfield waste
and that nothing has been added to the exempt or non-e
or NON-EXEMPT waste the following documentation
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody
his waste is in compliance with Regulated Levels of | ental Protection Agency's July, 1988, regulatory determination, the above <u>NON-EXEMPT</u> oilfield waste which is non-hazardous by characteristic analysis or by product identification exempt non -hazardous waste defined above. n is attached (check appropriate items):Other (description |

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ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: October 22, 2003

No. of pages including cover sheet: 9

| То: | Donna Stoner | From: | Monica D. Olson |
|-----------|--------------------|-------------|-----------------|
| Company: | СДРНЕ | Department: | San Juan HSE |
| Location: | Grand Junction, CO | Phone: | 505-599-3458 |
| Phone: | 970-248-7168 | Fax: | 505-599-3442 |
| Fax: | 970-248-7198 | | |
| | | | |

Remarks:
☐ Urgent X For your review
☐ Reply ASAP
☐ Please Comment

Ms. Stoner,

This is to inform you that we will be hauling stained soil from our West LaPosta Compressor Station located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling approximately 14 cubic yards of soil that was stained from an overflowing compressor sump containing used lube oils and also soil stained by a produced water tank leak.

I am including the BTEX and TPH analyses done by Envirotech in Farmington, NM and the NMOCD Certificate of Waste Status form.

Please let me know if you have any questions or comments. Thank you!

Monica D. Olson HSE & Regulatory Technician ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401 Phone: 505-599-3458

| | TRANSMISSION VERIFICATION REPORT | TIME
NAME
FAX
TEL | : 10/22/2003 11:58
: CONDCOPHILLIPS
: 5055993438
: 5055993438 |
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| DATE, TIME
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10-22-03;10:55AM;ConocoPhilips

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| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resourd District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Instruct IV 1220 South St. Francis Dr. Santa Fe, NM 87505 Santa Fe, NM 87505 | rces
OC7 2003 | | | |
|---|---|--|--|--|
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WÂSTE | | | |
| 1. RCRA Exempt: Non-Exempt:
Verbal Approval Received: Yes No 🖂 | 4. Generator: Duke Energy Field
Services | | | |
| | 5. Originating Site: Frances Mesa
Compressor Station | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Four Four | | | |
| 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) N36°46.853',
W107°33.790', Sec 27, T30N, R7W, Rio Arriba County | Project #97065-008 | | | |
| 9. <u>Circle One</u>: 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 contaminated with Triethylene glycol when the discharge line on a pump broke. Glycol had been in contact with production stream. | | | | |
| CWS attached. | | | | |

| Estimated Volume <u>~32 cy</u> | Known Volume (to be entered by the operator at the end of the haul) | <u> </u> |
|--------------------------------|---|----------|
|--------------------------------|---|----------|

Dandrick Auch 30 Waste Management Facility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 10/10/03 SIGNATURE

~~

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This many for State IIa) | |
|----------------------------|---|
| (This space for State Use) | |
| APPROVED BY: Say tem | TITLE: Enviro/Engr DATE: 10/31/03 |
| APPROVED BY: Charles | TITLE: Defuty Od 6 instead DATE: 10/2/102 |
| APPROVED BY: ///// | _ TITLE: Defity Od 6 instade DATE: 10/31/03 |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

RECEIVED OCT 1 3 2003 Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|---|
| Duke Energy Field Services
POBO 69 Bloomfield, NM. | Envirotech Inc. Soil Remediation Facility
Landfarm #2 |
| PO Bo 69 Bloomfield, NM. | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| FRANCES MESA COMP. STA. N3 | 6°46.853' |
| | 07033.790' |
| Sec 27 TBONR7W WILl
attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| Shucol contaminated soil generated | d when discharge line on |
| (TEG) Approx 324 | ds |
| I, VERKY L Poulson
Print Name | representative for : DEFS |
| | · |
| fough Voulson | 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) | |
| | T oilfield waste which is non-hazardous by characteristic
y product identification |
| and that nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| For NON-EXEMPT waste the following documentation is attached (ch | |
| MSDS InformationOthe
RCRA Hazardous Waste Analysis | er (description |
| Chain of Custody | • |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occu
NMAC 3.1 subpart 1403.C and D. | urring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): Dewsh. Faulan | |
| Title: Senstruction G-ped. | |
| Phone Number: <u>320-5667</u> | |
| Date: 10-10-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

| <u>District I</u>
1625 N. French Dr., Hobbs, NM 88240
<u>District II</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico
Energy Minerals and Natural Resou
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 ACCEI | PT SOLID WASTE |
| 1. RCRA Exempt: 🛛 Non-Exempt: | | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🔀 | | 5. Originating Site: Sate Com AH #30 |
| 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" Sec 36, T30N, R12W,
San Juan County | | Project #96052-045 |
| 9. <u>Circle One</u>: A. All requests for approval to accept on one certificate per job. | ilfield exempt wastes will be accompanied by | y a certification of waste from the Generator; |

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:

Hydrocarbon stained soil from pit cleanup.

CWS attached.



Estimated Volume ~ 15 cy Known Volume (to be entered by the operator at the end of the haul)

SIGNATURE MANARA ALLSO Waste Management Facility Authorized Agent

TITLE: Environmental Administrative Assistant DATE: 10/10/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Us APPROVED BY TITLE DATE TITLE DATE APPROVED BY



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director **Oil Conservation Division**

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CERTIFICATE OF WASTE STATUS

| | · · · · · · · · · · · · · · · · · · · | |
|----------|---|--|
| | 1. Generator Name and Address | 2. Destination Name: |
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name): 4
State Com AH#30
Unit I, Sec. 36, T30N, R12W
San Juan County, New Mexicu
attach list of originating sites as appropriate | 1650' FSL & (100' FEL |
| | 4. Source and Description of Waste
~15 cy hydrocarbon Stained | d soil from pit clean-up |
| I, | Monice D. Olson
Print Name | representative for : |
| | ConocoPhillips Company | |
| | | do hereby certify that, according to the Resource
ection Agency's July, 1988, regulatory determination, the above |
| <u> </u> | XEMPT oilfield wasteNON-EXNON-EX analysi | EMPT oilfield waste which is non-hazardous by characteristic is or by product identification |
| and tha | t nothing has been added to the exempt or non-exempt non | -hazardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is attache
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | ed (check appropriate items):
Other (description |
| | aste is in compliance with Regulated Levels of Naturally 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (| Original Signature): Monice Q. Oyon | _ |
| Title: | HSE & Regulatory Technician | _ |
| Date: | 10-10-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

| <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico
Energy Minerals and Natural Resou
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 FO | R APPROVAL TO ACCER | PT SOLID WASTE | |
| 1. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 1 | 4. Generator: Conoco Phillips | |
| Verbal Approval Received: Yes | No 🔀 | 5. Originating Site: SJ 28-7 #91 | |
| Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | | 5. 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 UL
Rio Arriba County | STR) "B" Sec 34, T28N, R7W, | Project #96052-046 | |
| 9. <u>Circle One</u>: 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 deli | vered are only those consigned for transp | port. | |
| BRIEF DESCRIPTION OF MATERIAL: | | | |
| Produced water and dirt from pit tank cleanout (in order to move tank to new location.) | | | |

SIGNATURE Management Facility Authorized Agent TITLE: Environmental Administrative Assistant DATE: 10/10/03

су

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

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

Estimated Volume $\underline{-2}$ cy

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|---|--|---|---|---------------------------------------|
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| $APPROVED BY: \rightarrow \gamma$ | | TITLE. | PV Y DATE | \mathcal{O}^{\sim} |
| ~ 1 | my rent | | | · · · · · · · · · · · · · · · · · · · |
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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: | | | |
|---------------------|--|---|--|--|--|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility | | | |
| | 5525 Highway 64 | Landfarm #2 | | | |
| | Farmington, NM 87401 | | | | |
| | Idimington, Mr 07401 | Hilltop, New Mexico | | | |
| | Jan Juan 28-1 #11
Unit B. 1999 Sec. 34, T28N, R7W | Location of the Waste (Street address &/or ULSTR):
API #30 - 039 - 07270
836' FNU 2 1544' FEL | | | |
| | attach list of originating sites as appropriate | | | | |
| | | | | | |
| | Produced water : dirt from p
~ 2 cy | it tank clean-out (in order to
move tank to new
location) | | | |
| l | l | | | | |
| I, | NONSCA. D. OISSON
Print Name | representative for : | | | |
| | ConocoPhillips Company | July 1 do a s | | | |
| Conserv
describe | vation and Recovery Act (RCRA) and Environmental Protection A
ed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above | | | |
| EX | EMPT oilfield wasteNON-EXEMPT analysis or by | oilfield waste which is non-hazardous by characteristic product identification | | | |
| and that | nothing has been added to the exempt or non-exempt non -hazar | rdous waste defined above. | | | |
| For NO | For NON-EXEMPT waste the following documentation is attached (check appropriate items):
MSDS InformationOther (description
RCRA Hazardous Waste Analysis
Chain of Custody | | | | |
| This was | ste is in compliance with Regulated Levels of Naturally Occur | ring Radioactive Material (NORM) pursuant to 20 | | | |
| <u>NMAC 3</u> | 3.1 subpart 1403.C and D. | | | | |
| Name (O | Priginal Signature): | | | | |
| Title: | Pitle: USE & Reconcluder of Toethoriel and | | | | |
| Date: | te: 10-10-03 | | | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eunrd.state.nm.us</u>

. . . .

| District II
1325 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88240
0 8 2003
O'I O avenue the District II | | |
|--|---|--|
| District III OCT 0 8 2000 Oil Conservation Division Division District IV
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
DIVISION Santa Fe, NM 87505 | Submit Original
Plus 1 Copy
to Appropriate
District Office | |
| REQUEST FOR APPROVAL TO ACCEP | T SOLID WASTE | |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖾 | 4. Generator: Conoco Phillips | |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Argenta 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: Colorado to New Mexico | |
| 7. Location of Material (Street Address or ULSTR) "O" Sec 4, T33N, R10W,
La Plata County | Project #96052-044 | |
| 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 trans | sport. | |
| BRIEF DESCRIPTION OF MATERIAL:
Stained soil from cleanup around compressor skids and used lube oil tanks (possible motor and/or lube oil contamination).
CWS, notification to CDPHE, and Analytical attached. | | |
| Estimated Volume $\underline{-30}$ cy Known Volume (to be entered by the operator at the end of the haul) $\underline{34}$ cy | | |
| SIGNATURE <u>Management Facility Authorized Agent</u>
Waste Management Facility Authorized Agent
TYPE OR PRINT NAME: <u>Landrea Jackson</u> TELEPHONE NO: (505) 632-0615 | | |
| (This space for State Use)
APPROVED BY: Demy Found TITLE: Enviro/Engt DATE: 10/6/2003
APPROVED BY: Than July . TITLE: Environmental Gedargest DATE: 10/8/23 | | |
| | | |

| District I
1625 N. French Dr., Hobbs, NM 88240
District II
301 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 Resour
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | rces
Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|--|---|
| REQUEST FO | R APPROVAL TO ACCEP | T SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🖸 | 3 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes |] No 🛛 | 5. Originating Site: Argenta CDP |
| 2. Management Facility Destination: Enviro
Landfarm #2 | otech Soil Remediation Facility, | 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) "O" Sec 4, T33N, R10W,
La Plata County | | Project #96052-044 |
| 9. <u>Circle One</u>: 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:

Stained soil from cleanup around compressor skids and used lube oil tanks (possible motor and/or lube oil contamination).

CWS, notification to CDPHE, and Analytical attached.

Estimated Volume ~ 30 cy Known Volume (to be entered by the operator at the end of the haul) _____ cy

SIGNATURE And R. ALSO TITLE: Environmental Administrative Assistant

DATE: 10/03/03

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | 1 |
|----------------------------|--------------------|------------------------|
| APPROVED BY: Demy Temy | TITLE: Env MO/Engr | DATE: <u>10 \$ 103</u> |
| 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 | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name):
HY genta CPD
"O" Section 4, T33N, RIOW
La Plata County, CO
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR): |
| | A Source and Description of Waste | wound compressor skids i used
motor i/or lube o:1)
bullet" containers) |
| ĺ | ~ 30 cy of soil (2 "silver | bullet" containers) |
| .I, | Moni Ca D. Olson
Print Name | representative for : |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| Conserv
describe | vation and Recovery Act (RCRA) and Environmental Protection
ed waste is: (Check appropriate classification) | Agency's July, 1988, regulatory determination, the above |
| EX | EMPT oilfield wasteNON-EXEM
analysis or | PT oilfield waste which is non-hazardous by characteristic by product identification |
| and that | nothing has been added to the exempt or non-exempt non -ha | zardous waste defined above. |
| | RCRA Hazardous Waste Analysis Chain of Custody | er (description) |
| | ste is in compliance with Regulated Levels of Naturally Occ
3.1 subpart 1403.C and D. | urring Radioactive Material (NORM) pursuant to 20 |
| Name ((| Original Signature): Monile D. Nom | |
| Title: | HSE & Regulatory Technician | · · |
| Date: | 10-3-03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: October 3, 2003

No. of pages including cover sheet: 7

| То: | Donna Stoner | From: | Monica D. Olson |
|-----------|--------------------|-------------|-----------------|
| Company: | СДРНЕ | Department: | San Juan HSE |
| Location: | Grand Junction, CO | Phone: | 505-599-3458 |
| Phone: | 970-248-7168 | Fax: | 505-599-3442 |
| Fax: | 970-248-7198 | | |
| | | L | |

Remarks: 🛛 Urgent 👘 X For your review 🔅 Reply ASAP 🔅 Please Comment

Ms. Stoner,

This is to inform you that we will be hauling stained soil from our Argenta Compressor Station located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling approximately 30 cubic yards of soil that was stained by fluids around the compressor skids and used lube oil tanks.

I am including the TCLP analyses done by Envirotech in Farmington, NM and the NMOCD Certificate of Waste Status form.

Please let me know if you have any questions or comments. Thank you!

Monica D. Olson HSE & Regulatory Technician ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401 Phone: 505-599-3458



October 1, 2003

ConocoPhillips Monica Olson 5525 Hwy 64 Farmington, New Mexico 87401 Phone: (505) 599-3458 Fax: (505) 599-3442

Client No.: 96052-026

Dear Ms. Olson:

Enclosed are the analytical results for the samples collected from the location designated as "Argenta CPD Lower Yard". Two soil samples were collected by ConocoPhillips designated personnel on 09/22/03, and delivered to the Envirotech laboratory on 09/29/03 for TCLP List 8 Metals analysis.

The sampled were documented on Envirotech Chain of Custody Nos. 11367 and was assigned Laboratory Nos. 26743 (Comp Shed #1) and 26744 (Comp Shed #3) for tracking purposes.

The samples were analyzed on 09/30/03 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.**

1) Peter WIME N

Christine M. Walters Lab Coordinator / Environmental Scientist

enc.

CMW/cmw

C:/files/labreports/ConoPhill.wpd

5/ 8

'IR(RACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| Client: | ConocoPhillips | Project #: | 96052-026-000 |
|--------------------|----------------|------------------|---------------|
| Sample ID: | Comp. Shed #1 | Date Reported: | 10-01-03 |
| Laboratory Number: | 26743 | Date Sampled: | 09-22-03 |
| Chain of Custody: | 11367 | Date Received: | 09-29-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 10-01-03 |
| Preservative: | Cool | Date Extracted: | 09-30-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| Parameter | Concentration
(mg/L) | Det.
Limit
(mg/L) | Regulatory
Level
(mg/L) | |
|-----------|-------------------------|-------------------------|-------------------------------|--|
| | | | | |
| Arsenic | 0.016 | 0.001 | 5.0 | |
| Barium | 4.27 | 0.001 | 100 | |
| Cadmium | 0.003 | 0.001 | 1.0 | |
| Chromium | 0.008 | 0.001 | 5.0 | |
| Lead | 0.011 | 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 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: | Argenta CPD Lower Yard. |
| Analyst | Africa Atolles |



EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS

| Client: | ConocoPhillips | Project #: | 96052-026-000 |
|--------------------|----------------|------------------|---------------|
| Sample ID: | Comp. Shed #2 | Date Reported: | 10-01-03 |
| Laboratory Number: | 26744 | Date Sampled: | 09-22-03 |
| Chain of Custody: | 11367 | Date Received: | 09-29-03 |
| Sample Matrix: | TCLP Extract | Date Analyzed: | 10-01-03 |
| Preservative: | Cool | Date Extracted: | 09-30-03 |
| Condition: | Cool & Intact | Analysis Needed: | TCLP metals |

| | Concentration | Det.
Limit | Regulatory
Level |
|-----------|---------------|---------------|---------------------|
| Parameter | (mg/L) | (mg/L) | (mg/L) |
| | | | |
| Arsenic | 0.022 | 0.001 | 5.0 |
| Barium | 5.18 | 0.001 | 100 |
| Cadmium | 0.004 | 0.001 | 1.0 |
| Chromium | 0.007 | 0.001 | 5.0 |
| Lead | 0.005 | 0.001 | 5.0 |
| Mercury | ND | 0.001 | 0.2 |
| Selenium | 0.013 | 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. |
| Nata | Regulatory Limits based on 40 CER part 261 subport C |

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

Comments:

Argenta CPD Lower Yard.

Analyst

e m Walters Review

8

ENVIROTECH LABS

EPA METHOD 1311 TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL ANALYSIS Quality Assurance Report

| Client: | | N/A | | Project #: | | | N/A | | |
|---|------------|------------------------|-----------|------------|-----------|------------|----------|--|--|
| Sample ID: | | 10-01-TCM QA/QC | | Date Repo | orted: | | 10-01-03 | | |
| Laboratory Number: | | 26743 | | Date Sam | pled: | | N/A | | |
| Sample Matrix: | | TCLP Extra | act | Date Rece | eived: | | N/A | | |
| Analysis Requested: | | TCLP Meta | ls | Date Anal | yzed: | | 10-01-03 | | |
| Condition: | | N/A | | Date Extra | acted: | | 09-30-03 | | |
| 1. Hitch consistent and an analytical state of the second state | Instrument | handor pinto de Rutada | Detection | | Duplicate | | | | |
| Conc. (mg/L) | | Blank | Limit | | | Difference | Range | | |
| Arsenic | ND | ND | 0.001 | 0.016 | 0.016 | 0.0% | 0% - 30% | | |
| Barium | ND | ND | 0.001 | 4.27 | 4.29 | 0.5% | 0% - 30% | | |
| Cadmium | ND | ND | 0.001 | 0.003 | 0.003 | 0.0% | 0% - 30% | | |
| Chromium | ND | ND | 0.001 | 0.008 | 0.008 | 0.0% | 0% - 30% | | |
| Lead | ND | ND | 0.001 | 0.011 | 0.011 | 0.0% | 0% - 30% | | |
| Mercury | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | | |
| Selenium | ND | ND | 0.001 | 0.009 | 0.009 | 0.0% | 0% - 30% | | |
| Silver | ND | ND | 0.001 | ND | ND | 0.0% | 0% - 30% | | |

| Spike | Spike | Sample | e Spiked | Percent . | Acceptance |
|-------------|-------|--------|----------|-----------|------------|
| Conc (mg/L) | Added | | Sample | Recovery | Rangek |
| Arsenic | 0.500 | 0.016 | 0.515 | 99.8% | 80% - 120% |
| Barium | 0.500 | 4.27 | 4.76 | 99.8% | 80% - 120% |
| Cadmium | 0.500 | 0.003 | 0.503 | 100.0% | 80% - 120% |
| Chromium | 0.500 | 0.008 | 0.507 | 99.8% | 80% - 120% |
| Lead | 0.500 | 0.011 | 0.510 | 99.8% | 80% - 120% |
| Mercury | 0.050 | ND | 0.050 | 100.0% | 80% - 120% |
| Selenium | 0.500 | 0.009 | 0.507 | 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 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 26743 - 26744.

Analyst

alters Review

CHAIN OF CUSTODY RECORD

| Client / Project Name | | | Project Location | | | | | | | | | ····· | | <u></u> | |
|-------------------------------|----------------|----------------|------------------|--|--------------------|-----------------|------|---------|------------|----------|--------|--------------|---------------|------------|-----------|
| ConocoPhillips | | | Argenta CP | D Lower Yard | | | | AI | VALY 515 |) PARA | AMETEP | 3 | | | |
| Sampler: | | | Cheft No. | | 2 2 | | | | | | | Rei | narks | | |
| Vernon Pett | yichn. | | 96057 | 2-0212-000 | No. of
ontainer | P B | | | ļ | | - | | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | Cont C | TCL P
metals | | | | | | | | | |
| Comp. Shed #1 | 9-22-03 | 4:00m | 26743 | Soil | | ~ | | | | | | | | | |
| Comp. Shed #2 | | | | Soil | 1 | | | | | | | | | | |
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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 87410State of New Mexico
Energy Minerals and Natural Reso
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Use District IV
District IVS. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505 | Submit Original |
| REQUEST FOR APPROVAL TO ACCE | PT SOLID WASTE |
| 1. RCRA Exempt: 🖸 Non-Exempt: | 4. Generator Conoco Phillips |
| Verbal Approval Received: Yes No 🔀 | 5. Originating Site: San Juan 28-7 Unit #82 |
| 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) "A" Sec 4, T27N, R7W,
Rio Arriba County | Project #96052-066 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for tran BRIEF DESCRIPTION OF MATERIAL: Paraffin & wash water from cleaning out a condensate tank. CWS attached. CWS attached.<!--</td--><td>necessary chemical analysis to PROVE the
classified hazardous by listing or testing will be
sport.</td> | necessary chemical analysis to PROVE the
classified hazardous by listing or testing will be
sport. |
| SIGNATURE <u>Handlak</u> (<u>AclS</u>) TITLE: <u>Landfarm Mar</u>
Waste Management Facility Authorized Agent TELEPHONE NO: (505) 632, 061 | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-061 (This space for State Use) Image: Construction of the construction | |

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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

, 503 388 3444

CERTIFICATE OF WASTE STATUS

| 1. Generator N | lame and Address | 2. Destination Name: |
|---|--|---|
| ConocoPh | illips Company | Envirotech Inc. Soil Remediation Facility |
| 5525 Hig | | Landfarm #2 |
| Farmingto | on, NM 87401 | Hilltop, New Mexico |
| 3. Originating
San Jug
Unit 7
1190' FNL
attach list of orig | | Location of the Waste (Street address &/or ULSTR):
API # 30-039-0720L
M |
| 4. Source and 1 | Description of Waste | |
| 30 BBL | - parathin i wash from elle | uning out condensate tank |
| | | |
| | | |
|)
N | lonica D. Olson | |
| | Print Name | representative for : |
| Cont | Phillips Company | |
| | coPhillips Company | do hereby certify that, according to the Resource |
| servation and Recover | y Act (KCRA) and Environmental Protection A
c appropriate classification) | Agency's July, 1988, regulatory determination, the above |
| ' | | |
| EXEMPT oilfield w | asteNON-EXEMP1
analysis or by | r oilfield waste which is non-hazardous by characteristic |
| | | · |
| that nothing has been | added to the exempt or non-exempt non -haza | rdous waste defined above. |
| MSDS Inform | ous Waste Analysis | ck appropriate items):
(description |
| | | |
| AC 3.1 subpart 1403. | ce with Regulated Levels of Naturally Occur | ring Radioactive Material (NORM) pursuant to 20 |
| e (Original Signature | »: Monica D. Olson | |
| | Regulatory Technician | |
| | | |
| " | 12-11-03 | |
| | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eunrd.state.nm.us</u>

ENVIROTECH INC

.

Bill of Lading

RECEIVED DES 1 2 2003

DATE 12/11/03 JOB # 96052-066

MANIFEST # _____ 21044

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

| LOAD | COMPLETE DESCRIPTION OF SHIPMENT | | | TRANSPORTING COMPANY | | | | | | |
|--------------------------------|--|----------------|------------------|----------------------|----------|---------|---------------------------------------|------|----------|-------------------|
| NO. | POINT OF ORIGIN | DESTINATION | MATERIAL | GRID | YDS | BBLS | COMPANY | TRK# | TIME | DRIVER SIGNATURE |
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and that
NAME | the material hauled from the no additional materials have $Theo Nez$ | e been added." | as not been adde | | | | ame material receiv | _ | the abov | (|
| san juan reprod | 1 PA | : | | | | • .
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| MATERIAL TRANSFER LOG
ENVIROTECH SOIL REMEDIATION FACILITY
HILLTOP, NEW MEXICO
TO BE USED FOR NON-BILLABLE OR IN-HOUSE MATERIAL TRANSFERS | | | | | | |
|---|---|---------------------------------|----------|-----------|---|--|
| ORIGINAL BOL
NUMBER | ORIGINAL LOCATION OF
TRANSFERRED MATERIALS | CLIENT NAME AND PROJECT NUMBER | QUANTITY | | DRIVER AND TRUCK
NUMBER | |
| 21044 | Blending area | SJ, 28-7 #82
CONICO Phillips | le0yd | CF#2 P-25 | Mike Hout | |
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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 87505State of New Meta
Energy Minerals and Natu
Oil Conservation D
1220 South St. Francis Dr., Santa Fe, NM 87505 | ral Resources
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| REQUEST FOR APPROVAL TO A | ACCERT SQLID WASTE | | | | |
| I. RCRA Exempt: 🛛 Non-Exempt: 🗍 | 4. Generator: Koch Exploration Co. | | | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Gardner #6A | | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Fa
Landfarm #2 | cility, 6. Transporter: Riley | | | | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington 87401 | , NM 8. State: New Mexico | | | | |
| 7. Location of Material (Street Address or ULSTR) "A" Sec 25, T32N,
San Juan County | R9W, Project #03144-001 | | | | |
| 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. | | | | | |
| Sand and water generated during frac tank cleanout. All material | has been downhole. | | | | |
| CWS attached. | | | | | |
| ,
, | | | | | |
| Estimated Volumecy Known Volume (to be entered by the operat | For at the end of the haul) $10 bbls$ | | | | |
| SIGNATURE Sand Management Facility Authorized Agent TITLE: Landfa | arm Manager DATE: December 16, 2003 | | | | |

| TYPE OR PRINT NAME: Landrea Jackson | TELEPHONE NO: (505) 632-0615 |
|-------------------------------------|------------------------------|
|-------------------------------------|------------------------------|

(This space for State Use) APPROVED BY: Demy funt TITLE for No/Fight DATE: 12/23/03 APPROVED BY: August TITLE: Geologist DATE: 12-23-03

15076321305



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 | | | | |
|----------|---|---|--|--|--|--|
| | Koch Exploration Compan | Y Envirotech Inc. Soil Remediation Facility | | | | |
| | P.O. Box 489 | Landfarm #2 | | | | |
| | Aztec, New Mexico 8741(| | | | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): | | | | |
| | | | | | | |
| | Gardner #6A | "A" Sec25, T32N, R9W, San Juan County | | | | |
| | attach list of originating sites as appropriate | | | | | |
| | 4. Source and Description of Waste | | | | | |
| | Pand and water an and the first of the | | | | | |
| | Sand and water generated during trac ta | nk clean out. Material has been downhole. | | | | |
| | | | | | | |
| | | j | | | | |
| I, | Don Johnson | representative for : | | | | |
| | Print Name | | | | | |
| | Koch Exploration Company | do hereby certify that, according to the Resource | | | | |
| Солзег | vation and Recovery Act (RCRA) and Environm | ental Protection Agency's July, 1988, regulatory determination, the above | | | | |
| doscribe | ed waste is: (Check appropriate classification) | | | | | |
| v | EXEMPT oilfield waste | | | | | |
| | <u>X</u> EXEMPT oilfield waste <u>NON-EXEMPT</u> oilfield waste which is non-hazardous by characteristic
analysis or by product identification | | | | | |
| | | sharysis of by product identification | | | | |
| and that | nothing has been added to the exempt or non-ex | empt non-hazardous waste defined above. | | | | |
| | | | | | | |
| For NO | N-EXEMPT wasterate following documentation
MSDS Information | | | | | |
| | RCRA Hazardous Waste Analysis | Other (description | | | | |
| | Chain of Custody | | | | | |
| | | | | | | |
| This we | ste is in compliance with Regulated Levels of | Naturally Occurring Radioactive Material (NORM) pursuant to 20 | | | | |
| NMAC | 3.1 subpart 1403.C and R. | | | | | |
| Name (| Original Signature): | | | | | |
| Title: | Operations Manager | | | | | |
| Phone l | Operations Monager | | | | | |
| Date: | 12/14/03 | | | | | |
| | | | | | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emntd.state.ntn.us</u>

| District 1
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
REOUEST E | State of New Mexico
Energy Minerals and Natural Resou
Oil Conservation Division
1220 South St. Francis Dr
Santa Fe, NM 87505 | DEC
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DEC | | |
|---|--|--|--|--|
| | | | | |
| 1. RCRA Exempt: 🛛 Non-Exempt: | | 40 Generator: Conoco Phillips | | |
| Verbal Approval Received: Yes [| No 🔀 | 5. Originating Site: San Juan 32-8 #228 | | |
| 2. Management Facility Destination: Envi
Landfarm #2 | rotech Soil Remediation Facility, | 6. Transporter: Scat | | |
| 3. Address of Facility Operator: 5796 U.S
87401 | S. Highway 64, Farmington, NM | 8. State: New Mexico | | |
| 7. Location of Material (Street Address or U
San Juan County | JLSTR) "G" Sec 16, T31N, R8W, | Project #96052-063 | | |
| 9. <u>Circle One</u>: 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:

Tank bottoms and wash water from cleaning out a produced water tank before transferring the tank to a new location.

.

7/0

CWS attached.

| Estimated Volume <u>15bbls</u> cy Known Volume (to be entered by the operator at the end of the haul) | | | | | | |
|--|----------|--|--|--|--|--|
| SIGNATURE Mult Autorized Agent TITLE: Landfarm Manager DATE: December 11, 2003
Waste Management Facility Authorized Agent | | | | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | | | | |
| (This space for State Use) | | | | | | |
| APPROVED BY: 1 TELLE: Enviro/Engi DATE: 12/23/03 | | | | | | |
| APPROVED BY: Attache TITLE: 9-cologist DATE: 12-23-0- | 22
22 | | | | | |

96052-063



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

5

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CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|-----------------|--|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| · · | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | San Juan 32-8 #228 | API# 30-045-2771 |
| | Unit G, Sec. 16, T3IN, ROW | |
| | Whit G, Sec. IL, TJIN, ROW
1343' FNL & 17B1' FEL, San Juan | n County, NM |
| | attach list of originating sites as appropriate
4. Source and Description of Waste | |
| | 4. Source and Description of Waste | |
| | 15 BBL tank bottoms & wash | transferring tank to new |
| | water tank before | transferring tank to new |
| · · · · | location | 3 |
| | | ······································ |
| | | |
| | Monica D. Olson | |
| I, | | representative for : |
| | Print Name | |
| | ConocoPhillips Company | do hereby certify that, according to the Resource |
| lescribe | ation and Recovery Act (RCRA) and Environmental Protectio
d waste is: (Check appropriate classification)
EMPT oilfield wasteNON-EXEM | IPT 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 -ha | azardous waste defined above. |
| or NON | N-EXEMPT waste the following documentation is attached (c | |
| | | ner (description |
| | RCRA Hazardous Waste Analysis
Chain of Custody | |
| | | |
| 'his was | ste is in compliance with Regulated Levels of Naturally Occ | curring Radioactive Material (NORM) pursuant to 20 |
| MAC 3 | 3.1 subpart 1403.C and D. | |
| | Priginal Signature): MMila D. ason | |
| ame (O | Priginal Signature): <u>IVIUI III Q D. UDOP</u> | |
| ame (O
itle: | HSE & Regulatory Technician |
 |
| | |
} |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u>

| District I
1625 N. French Dr., Hobbs, NM 88240
District II | State of New Mexico
Energy Minerals and Natural Resou | Form C-138
Revised March 17, 1999 |
|--|---|---|
| 1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410
<u>District IV</u>
1220 S. St. Francis Dr., Santa Fe, NM 87505 | Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | Submit Original
Plus 1 Copy
to Appropriate
District Office |
| REQUEST | FOR APPROVAL TO ACCEN | PT SOLID WASTE |
| 1. RCRA Exempt: 🔀 Non-Exemp | t: | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Ye | s 🔲 No 🔀 | 5. Originating Site: Wilson 34-9 #29-4 |
| 2. Management Facility Destination: En Landfarm #2 | nvirotech Soil Remediation Facility, | 6. Transporter: TBA |
| 3. Address of Facility Operator: 5796
87401 | U.S. Highway 64, Farmington, NM | 8. State: Colorado to New Mexico |
| 7. Location of Material (Street Address
La Plata County | or ULSTR) "G", Sec 29, T34N, R9W, | Project #96052-061 |
| 9. <u>Circle One</u> : | | |
| A. All requests for approval to accept | oilfield exempt wastes will be accompanied by | v 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 water generated while cleaning out flowback tank (sand, water, etc. pumped downhold

CWS & notification to CDPHE attached.

•

Estimated Volume <u>35bbls</u> cy Known Volume (to be entered by the operator at the end of the haul) $\underline{55bb}$

SIGNATURE Management Facility Authorized Agent TITLE: Landfarm Manager DATE: December 10, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use) APPROVED BY: Demy four TITLE: Enviro/Engl DATE: 12/23/04 APPROVED BY: APPROVED BY: DATE: 12/23-03

;505 599 3442

96052-001

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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: |
|--|---|
| ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| 5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| Wilson 34-9 #29-4
SW/Y NE/4, Sec. 29, T34N, R9W
La Plata County, CO 2350
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR). |
| 4. Source and Description of Waste
35 BBL Wash from Cleaning or | etc. pumped downhole) |
| I,NONICA D. Olson | representative for : |
| | |
| ConocoPhillips Company | do hereby certify that, according to the Resource |
| Conservation and Recovery Act (RCRA) and Environmental Protection
lescribed waste is: (Check appropriate classification)
EXEMPT oilfield waste NON-EXEMP | T oilfield waste which is non-hazardous by characteristic |
| analysis or by | y product identification |
| nd that nothing has been added to the exempt or non-exempt non -haza | ardous waste defined above. |
| or NON-EXEMPT waste the following documentation is attached (che
MSDS InformationOther
RCRA Hazardous Waste Analysis
Chain of Custody | eck appropriate items):
(description |
| his waste is in compliance with Regulated Levels of Naturally Occur
MAC 3.1 subpart 1403.C and D. | |
| Ime (Original Signature): MMilla D. OLAM | · |
| the:HSE & Regulatory Technician | · · · · |
| ite: 12-9-03 | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u> ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: December 10, 2003

No. of pages including cover sheet: 3

| То: | Donna Stoner | From: | Monica D. Olson |
|-----------|--------------------|------------|-------------------------|
| Company: | CDPHE | Department | : San Juan HSE |
| Location: | Grand Junction, CO | Phone: | 505-599-3458 |
| Phone: | 970-248-7168 | Fax: | ::- 505-599-3442 |
| Fax: | 970-248-7198 | | |
| | | | |

Remarks:
☐ Urgent X For your review
☐ Reply ASAP
☐ Please Comment

Ms. Stoner,

This is to inform you that we have hauled 35 BBL of wash from cleaning out a flowback tank (sand, water, etc.) from the Wilson 34-9 #29-4 located in La Plata County, CO to Envirotech Landfarm near Farmington, NM.

We will also be hauling approximately 1 cubic yard of gravel stained with coal fines and produced water taken from an old spill around the wellhead at the Callison 34-9 #29-2 located in La Plata County, CO to the Envirotech Landfarm.

When materials such as these are taken to Envirotech's landfarm, the NMOCD is notified as a courtesy, and so I am including the NMOCD Certificate of Waste Status forms for your information.

Please let me know if you have any questions or comments. Thank you!

Monica D. Olson HSE & Regulatory Technician ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401 Phone: 505-599-3458 District L.
 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

Submit Original Plus I Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator: El Paso Field Services |
|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Potter Canyon 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 19, T30N, R10W, San Juan County | Project #97057-089 |

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:

Sludge from pig receiver sumps cleaned out for annual inspection.

CWS Attached

Not received



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

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 2, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use) APPROVED BY DEMITER FITLE: Enviro/Engl DATE: 12/10/03 APPROVED BY TITLE: 12/10/03 DATE: 12/10/03 DATE: 12/10/03 DATE: 12/10/03



BILL RICHARDSON

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

Lori Wrotenbery

| Governor
Joanna Prukop
Cabinet Secretary | Director
Oil Conservation Division |
|--|--|
| CE | RTIFICATE OF WASTE STATUS |
| Generator Name and Address: El Paso Field Services Co. 614 Reilly Avenue Farmington, NM 87401 | 2. Destination Name:
Envirotech Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name): | Location of Waste (Street address &/or ULSTR): |
| Potter Canyon Station | Section 19, T30N, R10W, San Juan Co., NM |
| attach list of originating sites as appropriate
4. Source and Description of Waste
Sludge from pig receiver sumps | |
| | |
| I <u>, David Bays</u>
Print Name | representative for: |
| El Paso Field Services Co.
Recovery Act (RCRA) and Environmental
(Check appropriate classification) | do hereby certify that, according to the Resource Conservation and
Protection Agency's July, 1988 regulatory determination, the above described waste is: |
| 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 exe | mpt or non-hazardous waste defined above. |
| For NON-EXEMPT waste only, the follo | wing documentation is attached (check appropriate items): |
| MSDS Information
RCRA Hazardous Wa
Chain of Custody | Other (description) |
| This Waste is in compliance with Regulate subpart 1403.C and D. | d Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 |
| Name (Original Signature): | Daniel Bay |
| Title: | Principal Environmental Scientist |
| Date: | December 2, 2003 |
| Oil Conservation Di
Phone: (505) 334 | · · · · · |

District I 7625 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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator: El Paso Field Services |
|---|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Navajo City 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 33, T30N, R7W, Rio
Arriba County | Project #97057-089 |

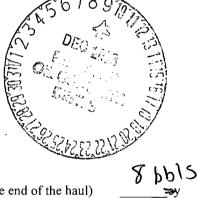
9. <u>Circle One</u>:

- 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:

Sludge from pig receiver sumps cleaned out for annual inspection.

CWS Attached

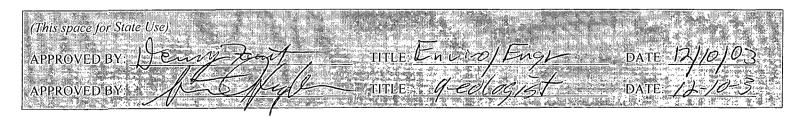


Estimated Volume <u>10bbls</u> cy Known Volume (to be entered by the operator at the end of the haul)

| SIGNATURE Bandreak Jackson | TI |
|--|----|
| Waste Management Facility Authorized Agent | |

TLE: Landfarm Manager DATE: December 2, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615





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: |
|---|--|
| El Paso Field Services Co. | Envirotech Soil Remediation Facility |
| 614 Reilly Avenue | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of Waste (Street address &/or ULSTR): |
| Navajo City Station | Section 33, T30N, R7W, Rio Arriba Co., NM |
| | |
| | |
| | |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
| Sludge from pig receiver sumps | |
| | |
| I, David Bays | representative for: |
| Print Name | |
| | |
| El Paso Field Services Co. | do hereby certify that, according to the Resource Conservation and |
| | gency's July, 1988 regulatory determination, the above described waste is: |
| (Check appropriate classification) | |
| · · · · · | |
| | NON-EXEMPT oilfield waste which is non-hazardous by characteristic |
| X EXEMPT Oilfield waste | analysis or by product identification |
| and that nothing has been added to the exampt or nen he | partous waste defined above |
| and that nothing has been added to the exempt or non-ha | izardous waste defined above. |
| | |
| For NON-EXEMPT waste only, the following document | ntation is attached (check appropriate items): |
| | |
| MSDS Information | Other (description) |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| | aturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 |
| subpart 1403.C and D. | |
| Name (Original Signature): | $^{\circ}0 \mathcal{R}_{-}$ |
| Name (Original Signature): | is soly |
| | |
| Title: Principal En | vironmental Scientist |
| | |
| Date: December 2 | . 2003 |
| | , |
| Oil Conservation Division * 10 | 100 Pic Prozes Deed * Artes ND (97410 |
| | 000 Rio Brazos Road * Aztec, NM87410 |
| r none: (505) 554-01/8 * f | Fax (505) 334-6170 * http://www.emnrd.state.nm.us |

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator: El Paso Field Services | |
|--|---|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Manzanares 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) Sections 16 & 17, T29N, R9W, San Juan County | Project #97057-089 | |

9. <u>Circle One</u>:

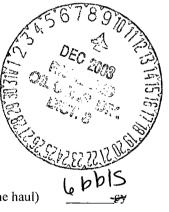
- A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job.
- B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous 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:

Sludge from pig receiver sumps cleaned out for annual inspection.

CWS Attached



Estimated Volume <u>10bbls</u> cy Known Volume (to be entered by the operator at the end of the haul)

andreak SIGNATURE Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 2, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | |
|----------------------------|-------------------|----------------------|
| APPROVED BY: Denry C | ein TITLE: Enviro | JEnge DATE: 12/10/03 |
| APPROVED BY: | all TITLE. Jel | 1915 DATE: (2-10-3 |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

1

| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary | Lori Wrotenbery
Director
Oil Conservation Division |
|---|--|
| | CERTIFICATE OF WASTE STATUS |
| Generator Name and Address:
El Paso Field Services Co.
614 Reilly Avenue
Farmington, NM 87401 | 2. Destination Name:
Envirotech Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico
Location of Waste (Street address &/or ULSTR): |
| Originating Site (name): Manzanares Station | Sections 16 & 17, T29N, R9W, San Juan Co., NM |
| attach list of originating sites as appropriate
4. Source and Description of Waste
Sludge from pig receiver sumps | |
| I, David Bays
Print Name | representative for: |
| El Paso Field Services C
Recovery Act (RCRA) and Environme
(Check appropriate classification) | do hereby certify that, according to the Resource Conservation and
ental Protection Agency's July, 1988 regulatory determination, the above described waste is: |
| 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-hazardous waste defined above. |
| For NON-EXEMPT waste only, the f | ollowing documentation is attached (check appropriate items): |
| MSDS Information
Chain of Custody | s Waste Analysis |
| This Waste is in compliance with Reg subpart 1403.C and D. | ulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 NMAC 3.1 |
| Name (Original Signature): | David Bay |
| Title: | Principal Environmental Scientist |
| Date: | December 2, 2003 |
| Oil Conservation
Phone: (505) | |

| District 1State of New Mexico1625 N. French Dr., Hobbs, NM 88240Energy Minerals and Natural ResoDistrict II1301 W. Grand Avenue, Artesia, NM 88210District IIIOil Conservation Division1000 Rio Brazos Road, Aztec, NM 874101220 South St. Francis Dr., Santa Fe, NM 875051220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505 | De Clark | | |
|---|--|--|--|
| REQUEST FOR APPROVAL TO ACÉÉ | BT SOLID WASTE | | |
| 1. RCRA Exempt: 🖂 Non-Exempt: 🛄 | 4-Generator: Conoco Phillips | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Bolin Hardie #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 34, T29N, R8W,
San Juan County | Project #96052-059 | | |
| 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: Tank bottoms and hot wash water generated during tank cleaning prior to moving tank. CWS attached. | | | |
| Estimated Volume <u>40 bbls</u> cy Known Volume (to be entered by the operator at the end of the haul) <u>40bbls</u> | | | |
| SIGNATURE <u>Management Facility Authorized Agent</u> TITLE: <u>Landfarm Manager</u> DATE: <u>November 21, 2003</u> | | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | |
| (This space for State Use)
APPROVED BY: Deny Tout TITLE: Encom
APPROVED BY: HAMAN TITLE: Jud | <u> Engl</u> DATE: <u>12/10/03</u>
<u>10915T</u> DATE: <u>12-10-3</u> | | |

96052-059



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

| | 2 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
|--|--|
| BILL RICHARDSON | Lori Wrotenbery |
| Governor | Director |
| Joanna Prukop | NOV 2.3 Oil Conservation Division |
| Cabinet Secretary | |
| | |
| CERTIFICATE OF | WASTE STATUS |
| CERTIFICATE OF | WASTESTATUS. |
| 1. Generator Name and Address | 2. Destination Name: 9 G V |
| ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| 5525 Highway 64 | Landfarm #2 |
| Farmington, NM 87401 | Hilltop, New Mexico |
| | Timop, ivew wexies |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| Bolin Hardie #1 | API # 30-045-20126 |
| Unit D. Sec. 34, TZ9N, ROW | |
| attach list of originating sites as appropriate | County, NM |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste $(12, 42)$ | |
| 40 100L tank bottoms g | hot wash water from Production W |
| Tank cleaning prior to | |
| Tank celuing prost to | mover eq let v. |
| | |
| | |
| Monica D. Olson | |
| Print Name | representative for : |
| | |
| ConocoPhillips Company | do hereby certify that, according to the Resource |
| onservation and Recovery Act (RCRA) and Environmental Protection | on Agency's July, 1988, regulatory determination, the above |
| escribed waste is: (Check appropriate classification) | · · · · |
| EXEMPT oilfield waste NON-EXEM | IPT oilfield wants which is non-based to the based |
| analysis or | IPT oilfield waste which is non-hazardous by characteristic by product identification |
| | of product identification |
| id that nothing has been added to the exempt or non-exempt non -ha | azardous waste defined above. |
| | |
| or NON-EXEMPT waste the following documentation is attached (c | |
| | ner (description |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| is waste is in compliance with Regulated Levels of Naturally Oc | curring Radioactive Material (NORM) pursuant to 20 |
| AC 3.1 subpart 1403.C and D. | |
| Imina () MAA | • |
| me (Original Signature): 1 [1] [1] [1] [1] [1] [1] [1] [1] [1] [| |
| HSE & Regulatory Technician | |
| tle: <u>INE 4 NORMANY TRANILIUM</u> | |
| NOV 20 1973 | 11/20/03 |
| te: | D-Q+ |
| | |
| Oil Conservation Division * 1000 Rio | Brazos Road * Aztec, New Mexico 87410 |

Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u>

| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resourd District II Oil Conservation Division 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 REQUEST FOR APPROVAL TO ACCER | Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|
| 1. RCRA Exempt: 🖂 Non-Exempt: 🗍 | 4. Generator: Conoco Phillips |
| Verbal Approval Received: Yes 🗌 No 🖂 | 5. Originating Site: Argenta 34-10 #31-4 |
| 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) 1240' FNL, 1210' FEL, Sec 31, T34N, R10W, La Plata County | Project #96052-058 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by ne material is not-hazardous and the Generator's certification of origin. No waste class approved All transporters must certify the wastes delivered are only those consigned for transport | ecessary chemical analysis to PROVE the ssified hazardous by listing or testing will be |

Drilling muds & returns from drilling rig reserve pit.

CWS & notification to CDPHE attached.

| Estimated Volume <u>180bbls</u> cy | Known Volume (to be | entered by the operator at the end | of the haul) | ob15 |
|---|---------------------|--|--------------------------|----------------------|
| SIGNATURE Andrea K. H
Waste Management Faci | LCKSD | TITLE: Landfarm Manager | DATE: <u>November 17</u> | <u>7, 2003</u> |
| TYPE OR PRINT NAME: <u>Landrea</u> | Jackson TELEPHO | NE NO: <u>(505) 632-0615</u> | | 1 |
| (This space for State Use)
APPROVED BY - Demy
APPROVED BY - | Fount | TITLE <u>Enviro/En</u>
TITLE <u>4-co/logi</u> | DATE
DATE | 11/19/03
11-19-03 |

| 11-17-03;12:55PM;ConocoPhi'''ps
11-15-03; 5:21AM;CNVIAUTEU/ | ;505 599 3442 # 3/
;5056321965 # 2/ |
|---|--|
| STARS NEW MEXICO | |
| | ENERGY, MINERALS and
ESOURCES DEPARTMENT |
| | TISTE REAL |
| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary
CERTIFICAT | E OF WASTE STATUS |
| 1. Generator Name and Address | |
| 1. Generator Name and Address
Conoco Phillips Company
5525 Hwy 64
Farming ton, NM 87401 | 2. Destination Name
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name):
Argenta 34-10#31-4 | Location of the Waste (Street address &/or ULSTR):
$1240'FNL \neq 1210'FEL - Sec. 31 - T.34N - R.10W$ |
| attach list of originating sites as appropriate | La Plata County, Colorado |
| 4. Source and Description of Waste
Rig Reserve Pit - Muds and | Returns |
| ~ 180 yds ³ | |
| Virgil Chavez
Print Name | representative for : |
| Conoco Phillips Company
onservation and Recovery Act (RCRA) and Environmental Described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Protection Agency's July, 1988, regulatory determination, the above |
| X EXEMPT oilfield wasteNON | N-EXEMPT oilfield waste which is non-hazardous by characteristic
alysis or by product identification |
| nd that nothing has been added to the exempt or non-exempt | t non -hazardous waste defined above. |
| or NON-EXEMPT waste the following documentation is att
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | tached (check appropriate items):
Other (description |
| bis waste is in compliance with Regulated Levels of Natur
MAC 3.1 subpart 1403.C and D. | rally Occurring Radioactive Material (NORM) pursuant to 20 |
| ame (Original Signature): Juh Mau | |
| ele: Wellsite Satety and Environmental R | epiesantine |
| aone Number: (505) 599 - 3463 | |
| ate:11/17/03 | |
| · · · · · | |

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Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

11-1/-03;12:55PM;ConocoPhil' ps



San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: November 17, 2003

No. of pages including cover sheet: 2

A - 2

| То: | Donna Stoner | From: | Virgil E. Chavez |
|-----------|--------------------|-------------|------------------|
| Company: | СДРНЕ | Department: | San Juan HSE |
| Location: | Grand Junction, CO | Phone: | 505-599-3463 |
| Phone: | 970-248-7168 | Fax: | 505-599-3442 |
| Fax: | 970-248-7198 | | |
| | | L | |

Remarks:
Urgent X For your review
Reply ASAP
Please Comment

Ms. Stoner,

This is to inform you that we will be hauling rig reserve pit muds and returns from our Argenta 34-10 #31-4 wellsite located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling approximately 180 cubic yards of muds and returns to make room in the reserve pit for completion activities.

I am including the NMOCD Certificate of Waste Status form.

Please let me know if you have any questions or comments. Thank you!

Virgil E. Chavez Well site Safety and Environmental Representative ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401 Phone: 505-599-3463

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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 87505State of New Mexico
Energy Minerals and Natural Resou
Oil Conservation Division
1220 South St. Francis/Dr.District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505State of New Mexico
Energy Minerals and Natural Resou
Oil Conservation Division
Santa Fe, NM 87505 | AN 2004
AN |
| REQUEST FOR APPROVAL TO ACCE | PT SOLID WASTE |
| No. Contraction of the second se | 42 Generator, Conoco Phillips |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🗍 | 145 Generation Conoco Finnips |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 28-7 Unit #54 |
| 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) "N" Sec22, T28N, R7W,
Rio Arriba | Project #96052-068 |
| 9. <u>Circle One</u> : | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by r material is not-hazardous and the Generator's certification of origin. No waste cl approved | necessary chemical analysis to PROVE the |
| All transporters must certify the wastes delivered are only those consigned for trans | port. |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Wash water with some paraffin and some soil generated during cleanup of leak on 12/30/03. | of a 25-gallon oil spill caused by a separator |
| CWS attached. | |
| | 70/11 |
| Estimated Volume <u>6bbls</u> cy Known Volume (to be entered by the operator at the | end of the haul) $3065/5$ |
| SIGNATURE Jandrea Rack Some TITLE: Landfarm Man
Waste Management Ficility Authorized Agent | nager DATE: December 31, 2003 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | |
| (This space for State Use)
APPROVED BY: Demy Company TITLE: Har vo
APPROVED BY: Adventure TITLE: 4 co | 1 <u>Engl</u> DATE: <u>1/06/04</u>
109:57 DATE: <u>1-6-</u> 3 |

;505 599 3442

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| 12-31-03; 3:25PM;ConocoPh 05 | -068 |
|---|--|
| | ERGY, MINERALS and
OURCES DEPARTMENT |
| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary
CERTIFICATE OF | JAN 2004
OIL CONSERVATION Division
WASTE STATUS |
| 1. Generator Name and Address
ConocoPhillips Company
5525 Highway 64
Farmington, NM 87401 | 22. Destination Name:
Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| San Juan 28-7 Unit 454
Unit N, Sec. 22, T2BN, R7W
BD' F5L & 1840' FWL, Rio Arriba
attach list of originating sites as appropriate
4. Source and Description of Waste
(0 BBL WASH with SIMP, Dard | Location of the Waste (Street address &/or ULSTR):
API #30-039-07347
County, NM
Iffin & SUME Soil from
gallon oil Spill due to a
12-30-03 |
| Monica D Olson
Print Name | representative for : |
| ConocoPhil/lips Company
onservation and Recovery Act (RCRA) and Environmental Protection
escribed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| EXEMPT oilfield wasteNON-EXEMP
analysis or b | T oilfield waste which is non-hazardous by characteristic y product identification |
| nd that nothing has been added to the exempt or non-exempt non -haza | ardous waste defined above. |
| or NON-EXEMPT waste the following documentation is attached (che
MSDS InformationOther
RCRA Hazardous Waste Analysis
Chain of Custody | eck appropriate items):
r (description |
| ais waste is in compliance with Regulated Levels of Naturally Occu
MAC 3.1 subpart 1403.C and D. | rring Radioactive Material (NORM) pursuant to 20 |
| Ime (Original Signature): MMILLA D. OLACH | |
| HE: <u>HSE & Regulatory Technician</u>
12-31-03 | |
| te: | |
| | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.einnrd.state.nm.us</u>

| District IIState of New Mexico1625 N. French Dr., Hobbs, NM 88240Energy Minerals and Natural ResonDistrict IIIntegration1301 W. Grand Avenue, Artesia, NM 88210Coll Conservation DivisionDistrict IIIOil Conservation Division1000 Rio Brazos Road, Aztec, NM 874101220 South St. Francis Dr., Santa Fe, NM 87505District IVSanta Fe, NM 87505 | Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|
| REQUEST FOR APPROVAL TO ACCEP | TSOLID WASTE |
| I. RCRA Exempt: 🖾 Non-Exempt: 🗌 | A. Generator: Compressor Systems Inc. |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Fullerton #1 355
Offload Unit 404166 |
| 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) 990' FNL, 1650' FWL, Sec 22, T30N, R11W, San Juan County | Project #01038-016 |
| 9. <u>Circle One</u> : | |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste classical content of the second se | ecessary chemical analysis to PROVE the |

approved

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

BRIEF DESCRIPTION OF MATERIAL:

Produced water contaminated soil generated when a 2" dumpline froze and split draining produced water onto the ground.

CWS attached.

Estimated Volume _____ cy Known Volume (to be entered by the operator at the end of the haul) $\frac{12}{2}$ cy

TITLE: Landfarm Manager DATE: December 30, 2003 SIGNATURE Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

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| | And the state and a state of the state of the |

| NEW MEXICO EN | ERGY, MINERALS and |
|---|---|
| NATURAL RES | OURCES DEPARTMENT |
| | X123456 |
| BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary
CERTIFICATE O | JAN 2004
Director
OI Conservation Division
F WASTE STATUS |
| 1. Generator Name and Address | 2. Destihátlón Name |
| COMPRISSOR SYSTEMTS 3NC
5995 US HWY 64
FREMENGTON N.M 59401 | Envirotech Inc. Soil Remediation Facility
Landfarm #2
Hilltop, New Mexico |
| 3. Originating Site (name):
355 ONECCARD UNIT 404/6C
FUILCRION #1
attach list of originating sites as appropriate | Location of the Waste (Street address &/or ULSTR):
990'FNL, 1650'FWL, SEC 22, T30N,
RIIW, San Juan County |
| 4. Source and Description of Waste
2" NUMPLENC FROZE AND SPLET U
GROUND | RAINING PRODUCCO WATER ON THE |
| I, <u>Chause</u> Rei
Print Name | representative for : |
| <u>Completisson</u> <u>SYSTEMS</u> <u>Zwc</u>
Conservation and Recovery Act (RCRA) and Environmental Protect
described waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
ation Agency's July, 1988, regulatory determination, the above |
| | EMPT oilfield waste which is non-hazardous by characteristic 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
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | d (check appropriate items):
Other (description |
| This waste is in compliance with Regulated Levels of Naturally (
NMAC 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature): | • |
| Title: LEAR SERVECE TECH | - |
| Phone Number: 505 - 632 - 550/ | |
| Date: 12-30-03 | |
| Oil Conservation Division * 1000 R | io Brazos Road * Aztec, New Mexico 87410 |

Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emnrd.state.nm.us

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| District I State of New Mexico 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resou District II Oil Conservation Division 1301 W. Grand Avenue, Artesia, NM 88210 Oil Conservation Division District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 DECOMPORT Conservation Division | AN 2004
Submit Original
Plus I Copy
to Appropriate
District Office |
|---|--|
| REQUEST FOR APPROVAL TO ACCE | r r sçiltir waste |
| I. RCRA Exempt: Non-Exempt: | 4. Generator: Watco |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Yard |
| 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) 2855 Southside River
Road, Farmington | Project #97018-001 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by r material is not-hazardous and the Generator's certification of origin. No waste cl approved | necessary chemical analysis to PROVE the |

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

BRIEF DESCRIPTION OF MATERIAL:

Contaminated dirt and sludge from various locations generated during the cleaning of oil and gas production equipment at Natco's yard.

Location list, CWS, and NORMS attached.

12665

Estimated Volume <u>12 bbl</u> cy Known Volume (to be entered by the operator at the end of the haul)

_____cy

....

SIGNATURE(Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 29, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615



NEW MLAICO ENERGY, MIN RALS and NATURAL RESOURCES DEPARTMENT 3'4'5 Lori Wrotenbery **BILL RICHARDSON** JAN 2004 Director Governor **Oil Conservation Division** Joanna Prukop Cabinet Secremy STE STÀ 'US CERTIFICATE OE ion Name: 1. Generator Name and Address Envirotech Inc. Soil Remediation Facility Natco Landfarm #2 2855 Southside River Rd Hilhop, New Mexico Farmington, NM 87401 Location of the Waste (Street address &/or ULSTR): 3. Originating Site (name); Solid generated during the cleaning of oil and gas production equipment at Natco's yard. attach list of originating sites as appropriate 4. Source and Description of Waste Contaminated dirt and sludge from various locations see attached list. 1. Jeffrey J Martines representative for : National Tank Co. Farmington, NM 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) NON-EXEMPT oilfield waste which is non-hazardous by characteristic XXX EXEMPT oilfield waste 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): Other (description MSDS Information RCRA Hazardoos 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: 12-29-03 Date: Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.enmid.state.nm.us 20 Ø 12/29/2003 17:05 FAX 5053271481 **NATCO**

Sheet1

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| | Sheet1 | , | |
|--|--|---------------------------------------|---------------------------------------|
| ς. | | | |
| | WASTE SOLIDS | | |
| | | | |
| COMPANY | LOCATION | JOB NUMBER | |
| Burlington | 132-9 #41A | 73038135 | 12BBL |
| Burlington
Burlington | 132-9#74 | 73036788 | 1 1/2 BBL
3 BBL
1/2 BBL |
| Burlinston | Quin 342 | 73035874 | 3BBL |
| Burlingfor
Buylingfor | Scomare #10
14rcher#2 | 73036704 | 1/2 13154 |
| Buylinston | 1 Lercher #2 | 73035997 | 11/2 BBL- |
| Burlington | 5537-9#42 | 73035990 | 11/2BBL |
| Burlinston | 27-94550 | 73036262 | 1 BBL |
| Burlingten | Huntann #55 | 73037184 | IBBL-
IBBL |
| Quellacher | Branklins 3A | | -IBBL |
| Burlington | Huerfano 197E | 73034685 | - IBBL- |
| | | · · · · · · · · · · · · · · · · · · · | |
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Page 1

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| Location: Nates | INSPECTION FOR NORM CONTAMINATION
3 Yard (Wash Rack) Date: 12-23-03 |
|----------------------|--|
| Survey instrument ma | adel: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: | Waste drum |
| Number of pieces: _ | 1 |
| Location where items | originated: Unknown |
| Background reading: | <u> </u> |
| Highest NORM readin | g: <u>12.0</u> uR/hr (corrected for background) |
| Lowest NORM reading | g: uR/hr (corrected for background) |
| Any samples taken? | fso, how many? |
| / | Pieces inspected. |
| | Pieces found to be free of NORM contamination. |
| | Pieces found to have NORM contamination. |
| Remarks: Test | deven on tep middle + botton
livels of Neam was detected |
| | |

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| #2
NATCO | |
|--|-----------|
| INSPECTION FOR N.O.R.M. CONTAMINATION | |
| Location: Mates Vard (Wash Rack) Date: 12-23-03 | |
| Survey instrument model: <u>Ludium 3-98</u> Last calibrated: <u>//-3-03</u> | |
| lem description: <u>Illaste claum</u> | |
| | |
| Number of pieces:/ | · · |
| Location where items originated: | |
| Background reading: UK/hr | |
| Highest NORM reading: uPhr (corrected for background) | |
| Lowest NORM reading: uR/hr (corrected for background) | |
| Any samples taken? If so, how many? | |
| Pieces inspected. | |
| Pieces found to be free of NORM contamination. | |
| Pieces found to have NORM contamination. | |
| Remarks: Tested dron on top middle + botte | Ma |
| law livels of Marm und detected | |
| | |
| Inspector: Jesse Manzanakes and S. Jum | |
| Inspector: Jesse Manzananes for s. Jum -
What is final disposition? Morem levels are low enough to be a | 1. spored |
| Released to: <u>Allen it may Concerne</u> Date: 12-23-03 | - |

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| H 3
NEPECTION FOR NORM CONTAMINATION
Location: <u>Interior</u> <u>Yeak (Albert Rack)</u> Date: <u>12-23-83</u>
Survey instrument model: <u>Lucifion 3-96</u> Last calibrated: <u>11-3-03</u>
Item description: <u>Illusta alcum</u>
Number of pieces: <u>I</u>
Location where items originated: <u>Illusta alcum</u>
Background reading: <u>ILLO</u> uRhr
-fighest NORM reading: <u>ILLO</u> uRhr
-fighest NORM reading: <u>ILLO</u> uRhr
-fighest NORM reading: <u>ILLO</u> uRhr
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-fighest NORM contamination.
-fight <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auceus</u> <u>Auce</u> | | |
|--|---|----|
| Location: <u>In teal year</u> (<u>Illust Pack</u>) Date: <u>12-23-03</u>
Survey instrument model: <u>Ludfur 3-96</u> Last calibrated: <u>11-3-03</u>
Item description: <u>Illusta claum</u>
Number of pieces: <u>1</u>
Location where items originated: <u>Unknown</u>
Background reading: <u>14.0</u> uRhr
Highest NORM reading: <u>24.0</u> uRhr (corrected for background)
.owest NORM reading: <u>19.0</u> uRhr (corrected for background)
.owest is taken? If so, how many? <u>C</u>
<u>1</u> Pieces found to be free of NORM contamination.
<u>10</u> Pieces found to be free of NORM contamination.
<u>10</u> Pieces found to have NORM contamination.
<u>10</u> Pieces found to have NORM contamination.
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<u>10</u> Pieces found to have NORM contamination.
<u>10</u> Pieces found to hav | # 3 (<u>NATCO</u>) | |
| Survey instrument model: <u>Ludlom 3-96</u> Last calibrated: <u>11-3-03</u>
Item description: <u>Illasta</u> <u>dlawn</u>
Number of pieces: <u>I</u>
Location where items originated: <u>Unknown</u>
Background reading: <u>14.0</u> uR/hr
Highest NORM reading: <u>24.0</u> uR/hr (corrected for background)
Lowest NORM reading: <u>19.0</u> uR/hr (corrected for background)
Lowest NORM reading: <u>19.0</u> uR/hr (corrected for background)
Any samples taken? If so, how many? <u>C</u>
<u>I</u> Pieces inspected.
<u>I</u> Pieces found to be free of NORM contamination.
<u>Bemarks:</u> <u>Tophed</u> <u>devec</u> <u>and</u> <u>top</u> <u>middle</u> <u>top</u> <u>top</u>
<u>Revealed</u> <u>and</u> <u>Undern</u> <u>devec</u>
<u>Ispector</u> ; <u>Jesse</u> <u>Manzanances</u> <u>Jonna</u>
that is final disposition? <u>Illarm Levels</u> <u>and</u> <u>Illan</u> <u>enough</u> <u>to</u> <u>be</u> <u>dispec</u> | INSPECTION FOR NO.R.M. CONTAMINATION
Location: Maters Vard (Whith Rock) Date: 12-23-23 | |
| Item description: <u>Illasta dawn</u>
Number of pieces: <u>I</u>
Location where items originated: <u>Unknown</u>
Background reading: <u>IY.D</u> uR/hr
Highest NORM reading: <u>IY.D</u> uR/hr (corrected for background)
Lowest NORM reading: <u>IY.D</u> uR/hr (corrected for background)
Lowest NORM reading: <u>IY.D</u> uR/hr (corrected for background)
Any samples taken? If so, how many? <u>IC</u>
<u>I</u> Pieces inspected.
<u>I</u> Pieces inspected.
<u>I</u> Pieces found to be free of NORM contamination.
<u>I</u> Pieces found to have NORM contamination.
Hemarks: <u>Testeel</u> <u>deun</u> <u>or</u> <u>test</u> <u>midel (e., t. be tribra</u>
<u>Ispector</u> ; <u>Jesse</u> <u>Mauzanances</u> <u>Jesse</u> <u>Jesse</u>
that is final disposition? <u>Lann</u> <u>kerelt</u> <u>ane</u> <u>Ica</u> <u>enough</u> <u>to</u> <u>be</u> <u>d</u> ispector | Survey instrument model: Ludlim 3-96 Last ralibrated /1-3-03 | |
| Number of pieces: | | |
| Location where items originated: <u>Unknown</u>
Background reading: <u>14.0</u> uR/hr
Highest NORM reading: <u>24.0</u> uR/hr (corrected for background)
Lowest NORM reading: <u>19.0</u> uR/hr (corrected for background)
Any samples taken? If so, how many? <u>C</u>
<u>I</u> Pieces inspected.
<u>I</u> Pieces inspected.
<u>I</u> Pieces found to be free of NORM contamination.
<u>Banarks: Tested clear on top middles to be triben</u>
<u>Ispector: Jesse Manzananes for Mean and Sected to be d</u> ispector: <u>Jesse Manzananes for developent to be d</u> ispected. | | |
| Background reading: <u>14.0</u> uRhr
Highest NORM reading: <u>24.0</u> uRhr (corrected for background)
Lowest NORM reading: <u>19.0</u> uRhr (corrected for background)
Any samples taken? If so, how many? <u>C</u>
<u>I</u> Pieces inspected.
<u>I</u> Pieces found to be free of NORM contamination.
<u>Pieces found to be free of NORM contamination.</u>
<u>Pieces found to have NORM contamination.</u>
<u>Remarks: Zested deve an top middle & be them</u>
<u>Aux devels of NORM contamination.</u>
Remarks: <u>Tested deve an top middle & be them</u>
<u>I was devels of NORM contamination.</u>
<u>I have to the tested</u>
<u>I was devels of NORM contamination.</u>
<u>Remarks: Tested deve an top middle & be them</u>
<u>Aux devels of Norm and tested</u>
<u>I have tested</u>
<u>Remarks: Tested deve an top middle & be them</u>
<u>I have tested</u>
<u>I have tested and top and to be disposition?</u> | Number of pieces:/ | |
| Highest NORM reading: 24.0 uR/hr (corrected for background) Lowest NORM reading: 19.0 uR/hr (corrected for background) Any samples taken? If so, how many? 0 | Location where items originated: Unknown | |
| Lowest NORM reading: <u>19.0</u> uR/hr (corrected for background)
Any samples taken? If so, how many? <u>_</u>
Pieces inspected.
Pieces found to be free of NORM contamination.
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Pieces found to have NORM contamination.
Pieces found to have NORM contamination.
Pieces found to have NORM contamination.
 | Background reading: U.Y. O uR/hr | |
| Lowest NORM reading: <u>19.0</u> uR/hr (corrected for background)
Any samples taken? If so, how many? <u></u>
Pieces inspected.
Pieces found to be free of NORM contamination.
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Pieces found to have NORM contamination.
Pieces found to have NORM contamination.
 | -lighest NORM reading: $\mathcal{Q}\mathcal{Q}\mathcal{Q}$ uR/hr (corrected for background) | |
| Any samples taken? If so, how many?
Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
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Pieces found to have NORM contamination.

demarks: <u>Tested</u> <u>deven</u> <u>on</u> <u>top</u> <u>middle</u> <u>top top</u>
<u>devents</u> <u>at top</u> <u>middle</u> <u>top top</u>
<u>devents</u> <u>at top</u> <u>middle</u> <u>top</u>
<u>devents</u> <u>at top</u>
<u>devents</u> <u>at top</u> <u>middle</u> <u>top</u> <u>top</u>
<u>devents</u> <u>at top</u>
<u>frat</u> is final disposition? <u>Macmuch are to an enough to be</u> <u>dispo</u> | _ · · | |
| Pieces inspected.
Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Pieces found to have NORM contamination.
Remarks: <u>Tested dewn on top middle & be then</u>
<u>Second dewn on top middle & be then</u>
<u>Second dewn on top middle & be then</u>
<u>Second dewn on top middle & be then</u>
<u>Second dewn on top de tested</u>
sepector: <u>Jesse Mauzana Res</u> <u>Jom s. Jomm</u>
that is final disposition? <u>Maam keels are len enough to be</u> dispon | | |
| Pieces found to be free of NORM contamination.
Pieces found to have NORM contamination.
Remarks: <u>Tested dear on tep middle & botton</u>
<u>Builded of Neen was detected</u>
spector: <u>Jesse Manzanaces</u> <u>Jom S. Jomm</u>
that is final disposition? <u>Neem kuch are low enough to be</u> disper | | |
| Pieces found to have NORM contamination.
Remarks: Tested dever on tep middle to be then
low levels at Near uns detected
respector: Jesse Manzanales for some John S. John
that is final disposition? Near levels are low enough to be disposed | | |
| Remarks: Tested deur on top, middle & botton
Low levels of Nean uns detected
ispector: Jesse Manzanares for s. Jonnon
Phat is final disposition? Maam levels are low enough to be dispose | | |
| Is levels at Neam uns detected | Pieces found to have NORM contamination. | |
| | lemarks: Tested dreve on top middle + better
low levels of Nean uns detected | |
| | ispector: Jesse Manzananes. Jom d. Jomm | |
| | that is final disposition? low kuch are low enough to be disp | pe |
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| MATCO |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: Materia Vard (Ward Rack) Date: 12-23-03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>//-3-03</u> |
| Item description: <u>Maste claum</u> |
| |
| Number of pieces: |
| Location where items originated: <u>Unknown</u> |
| Background reading: uR/hr |
| Highest NORM reading:uR/hr (corrected for background) |
| Lowest NORM reading: 7.0 uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| |
| Remarks: Tested dean on tep middle + bottom |
| low livels of Norm was detected |
| |
| Inspector: Jesse Manzanakes Jon S. Mon |
| Inspector: Jesse Manzanakes for a grow of grow what is final disposition? Marma levels are low encush to be disposed. |
| Released to: <u>Illen it may lancean</u> Date: 12-23-03 |

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| MATCO)
NSPECTION FOR NO.R.M. CONTAMINATION |
|---|
| Location: Muter's Vard (Wash Rack) Date: 12-23-03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: <u>Illasta claun</u> |
| |
| Number of pieces: |
| Location where items originated: |
| Background reading: uR/hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: UR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Piecas inspected. |
| |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| Remarks: Tested dewn en top middle + botton
low levels of Marm was detected |
| |
| Inspector: Jesse Manzananes. Jon S. Manne |
| Inspector: Jesse Manzananes. Jen d. Jumm-
What is final disposition? <u>Marmanese low enough to be</u> disposed. |
| Released to: <u>Illicant may Concern</u> Date: 12-23-03 |

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| #6 (<u>NATCO</u>) |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: <u>Mateo's Yard (Word Rack</u>) Date: 12-23-03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Hern description: <u>Illaste claum</u> |
| Number of pieces:/ |
| Location where items originated: Unknown |
| Background reading: UP/hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| Remarks: Tested dean on top middle + Dotten |
| low livels of Moam was detected |
| |
| Inspector: Jesse Manzananes Jem S. Jerrow-
What is final disposition? Marm kerels are low enough to be disposed. |
| |
| Released to: <u>Illhom it may Concerne</u> Date: 12-23-03 |

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| #7
NATCO |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: Mater's Yard (What Rack) Date: 12-23-23 |
| Survey instrument model: <u>Ludium 3-98</u> Last calibrated: <u>11-3-03</u> |
| Hem description: Alaste claum |
| Number of pieces:/ |
| Location where items originated: Unknown |
| Background reading: 14.0 uR/hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: 9.0 uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| Remarks: Tested dreve on top middle + bottom |
| |
| Inspector. Jesse Manzanares Jon S. Marrow |
| Inspector: Jesse Manzanares for s. Jon S. Jon S. Mannes What is final disposition? Marm levels are low enough to be disposed. |
| Released to: 12hon it may lancer Date: 12-23-03 |

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| 12 S NATCO
NATCO
INSPECTION FOR NORM CONTAMINATION |
|---|
| Location: Martice's Varia (Illash Rack) Date: 12-23-03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: <u>Ilaste alkum</u> |
| Number of pieces: |
| Location where items originated: Unknown |
| Background reading: UR/hr |
| Highest NORM reading: uP/hr (corrected for background) |
| Lowest NORM reading: vR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
| Remarks: Tested dron on tep middle + better
Low livels of Norm uns detected |
| Inspector: <u>Jesse Manzanakes</u> James James James
What is final disposition? <u>Makern levels are low enough to be disposed</u> . |
| What is final disposition? Horm levels are low enough to be disposed. |
| Released to: 11/100 it may Concern Date: 12-23-03 |

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| #9 (<u>NATCO</u>) |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: Mater's Yard (Wash Rack) Date: 12-23 03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: <u>Alaste dan</u> |
| |
| Number of pieces:/ |
| Location where items originated: Unknown |
| Background reading; U. U. u.R. hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected. |
| Pieces found to be free of NORM contamination. |
| |
| Pieces found to have NORM contamination. |
| Remarks: Tested dear on top middle + better |
| love livels of Norm uns detected |
| |
| Inspector: Jese Manzanares Jem S. Jumm-
What is final disposition? Heren levels are low encush to be disposed. |
| What is final disposition? Horm levels are low enough to be disposed. |
| Released to: 11 hon it may lancer Date: 12-23-03 |

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|---------|--------------------|-----------------|----------------------|-----------------------|-----------------------|--------|
| Locati | n: <u>Matcos</u> | INSPECTIO | MEORNORMC | ONTAMINATIC
Date: | <u>N</u>
12-23-2:3 | |
| Surve | instrument model | Ludlam | - <u>3-98</u> | Last calibi | ated: _//-3 | -63 |
| ltern o | escription: | aste d. | Rem | ······ | | |
| Numb | er of pieces: | 1 | | | | |
| Locati | n where items ong | inated: | Known | | | |
| Backg | ound reading: | 14.0 | uR/hr | | | |
| | | | uR/hr (corrected for | | | |
| Lowes | NORM reading: _ | 9.0 | uR/hr (corrected fo | r bækgraund) | | |
| Any se | mples taken? If so | , how many? | to | | | |
| | | Pieces inspecte | d. | | | |
| | / | Pieces found to | be free of NORM c | ontamination. | | |
| | Ø | Pieces found to | have NORM contar | nination. | | |
| Remar | s: Zector | deur | c on | 7.0 | n []] | 1 h 4 |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location: Mater Vard (Wash Rack) Date: 12-23-03 |
| Survey instrument model: <u>Ludium 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: <u>Ilaste alaun</u> |
| |
| Number of pieces:/ |
| Location where items originated: |
| Background reading: UR/hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: 9.0 uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected, |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
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| Remarks: Tested drewn on top middle + bottom |
| low levels of Norm und destected |
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| Inspector. Jesse Manzanares. Jam S. Jamm |
| Inspector: Jese Manzananes. Jon S. Jomme
What is final disposition? Marm levels are low enough to be disposed. |
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| INSPECTION FOR N.O.R.M. CONTAMINATION |
| Location later's Vard (Ward Rack) Date: 12-23-03 |
| Survey instrument model: <u>Ludlum 3-98</u> Last calibrated: <u>11-3-03</u> |
| Item description: <u>Illaste claum</u> |
| |
| Number of pieces: |
| Location where items originated: |
| Background reading: uR/hr |
| Highest NORM reading: uR/hr (corrected for background) |
| Lowest NORM reading: uR/hr (corrected for background) |
| Any samples taken? If so, how many? |
| Pieces inspected, |
| Pieces found to be free of NORM contamination. |
| Pieces found to have NORM contamination. |
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| Remarks: Tested drewn on top middle + Dotton |
| low levels of floom was detected |
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| Inspector. Jese Manzanares for & grow |
| What is final disposition? Marm linels are low enough to be disposed. |
| Released to: 12hon it may Concern Date. 12-23-03 |

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| District II
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
State of New Mexico
Energy Minerals and Natural Resou
Oil Conservation Division J | |
|--|--|
| 1625 N. French Dr., Hobbs, NM 88240 Energy Minerals and Natural Resou | 5 4 5 6
Form C-138
Revised March 17, 1999 |
| 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 South St. Expression Division J | Submit Original |
| District IV 1220 South St. Francis Drag | to Appropriate |
| 1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 | District Office |
| REQUEST FOR APPROVAL TO ACCEP | |
| | 2417 (Generator: BP Amoco |
| 1. RCRA Exempt: Non-Exempt: | A A A A A A A A A A A A A A A A A A A |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Fields A #2A |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Riley |
| 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" Sec 25, T32N, R11W,
San Juan County | Project #03143-001 |
| 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. | a certification of waste from the Generator, |
| B. All requests for approval to accept non-exempt wastes must be accompanied by no | |
| material is not-hazardous and the Generator's certification of origin. No waste cla approved | assified hazardous by listing or testing will be |
| All transporters must certify the wastes delivered are only those consigned for transp | port. |
| BRIEF DESCRIPTION OF MATERIAL: | |
| Flowback fluids from recompletion on flowback tank (frac water, sand, rus | st). All materials have been downhole. |
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| CWS attached. | |
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| | 457615 |
| Estimated Volume cy Known Volume (to be entered by the operator at the en | nd of the haul)cy |
| SIGNATURE HANDLA R. ACLSON TITLE: Landfarm Mana
Waste Management Facility Authorized Agent | ager DATE: December 22, 2003 |
| | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | |
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109154 DATE 1-6-4 |
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| | 3. Originating Site (na | <u>me):</u> | Location of the Waste (S | Street address &/or ULSTR): |
| | Fields A #2A | | "I" Sec 25, T32N, R1 | 11W, San Juan County |
| | attach list of originating | g sites as appropriate | | |
| - F | 4. Source and Descrip | ption of Waste | | |
| | Flowback fluids fro | m recompletion on flow | back tank (frac water, sand | , rust). |
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| | AN 2000 CONSERVATION Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|--|
| 1. RCRA Exempt: Non-Exempt: 4. | Generator: Coastal Chemical, LLC |
| | 10 R. Hulter |
| Verbal Approval Received: Yes No 🛛 | Originating Site: Loading Pad in Yard |
| | . Organizing blo. Douding r ud hr r dru |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility, 6.
Landfarm #2 | . Transporter: Coastal Chemical |
| 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) 1130 Madison Lane, P
Farmington | Project #95007-012 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a cone certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessimaterial is not-hazardous and the Generator's certification of origin. No waste classification approved | essary chemical analysis to PROVE the ified hazardous by listing or testing will be |
| All transporters must certify the wastes delivered are only those consigned for transport | · · · |

New motor oil spilled onto concrete loading pad & mixed with Floor Dry.

CWS and MSDS attached.

| Estimated Volumecy H | Known Volume (to be ente | red by the operator at the end of the | he haul)cy | |
|--|--------------------------|--|---|--------------------|
| SIGNATURE Jandula K
Waste Management Fi | acity Authorized Agent | TITLE: Landfarm Manager | DATE: <u>December 19, 2003</u> | <u>* </u>

 |
| TYPE OR PRINT NAME: <u>Landre</u> | a Jackson TELEPHO | NE NO: <u>(505) 632-0615</u> | | 101010 |
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2442 DATE <u>1/07/</u> | <u>04</u>
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| District I
1625 N. French Dr., Hobbs, NM 88240State of New Mexic
Energy Minerals and NaturalDistrict II
1301 W. Grand Avenue, Artesia, NM 88210Energy Minerals and NaturalDistrict III
1000 Rio Brazos Road, Aztec, NM 87410Oil Conservation Divi
1220 S. St. Francis Dr., Santa Fe, NM 87505District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505 | Resources
ision
SDr. Of C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate | | | | | | |
|--|---|--|--|--|--|--|--|
| REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE | | | | | | | |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🔀 | 4. Generator: Coastal Chemical, LLC | | | | | | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Loading Pad in Yard | | | | | | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facil
Landfarm #2 | ity, 6. Transporter: Coastal Chemical | | | | | | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, N
87401 | M 8. State: New Mexico | | | | | | |
| 7. Location of Material (Street Address or ULSTR) 1130 Madison Lane,
Farmington | Project #95007-012 | | | | | | |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied material is not-hazardous and the Generator's certification of origin. No we approved | ed by necessary chemical analysis to PROVE the | | | | | | |

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

BRIEF DESCRIPTION OF MATERIAL:

New motor oil spilled onto concrete loading pad & mixed with Floor Dry.

CWS and MSDS attached.

This space for State Use)

PPROVED B

APPROVED BY

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

TITLE:

TITLE

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 19, 2003

DATE

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| DEC-19-2003 15:16 | |
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COASTAL CHEMICAL

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| BILL RICHARDSON
Covernor
Joanna Prakop
Cabinet Secretary
CERTIFICA | TE OF WASTE | STATUS | Lori Wrotenbery
^{Director}
Oil Conservation Division |
| 1. Generator Name and Address | Con 2. Desti | instion Name: | |
| COASTAL CHEMICAL
1130 MADISON LANE | | ifotech Inc. Soil i
dfarm #2
top, New Mexico | Remediation Facility |
| FARMINGTON NM 87461
3. Originating Site (name): | | | ddress &/or ULSTR): |
| YARD OTE LOADSTN'S PAD | | | |
| attach list of originating sites as appropriate
4. Source and Description of Waste | | | |
| <u>RYAN ARNOLD</u>
Print Name
OASTAL CHEM COMPANY
onservation and Recovery Act (RCRA) and Environment
escribed waste is: (Check appropriate classification) | | representative for :
to hereby certify tha
huly,1988, regulatory | t, according to the Resource
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| EXEMPT oilfield waste | NON-EXEMPT oilfield w
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| nd that nothing has been added to the exempt or non-exe | empt non -hazardous was | te defined above. | |
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| his waste is in compliance with Regulated Levels of N
MAC 3.1 subpart 1403.C and D. | atorally Occurring Rad | loactive Material () | NORM) pursuant to 20 |
| me (Original Signature): | | | |
| HE: WARE HOUSE ASST. SUPERVISE | 2L | | ١ |
| 10ne Number: 325 - 5095 | | | |
| ate: 12-19-03 | | | |
| Oil Conservation Division
Phone: (505) 334-6178 * 1 | | | |

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ExxonMobil

MATERIAL SAFETY DATA BULLET N

Page 1 of 9

602466-00 MOBIL PEGASUS 805

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL PEGASUS 805 SUPPLIER: EXXONMOBIL OIL CORFORATION 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: 800-662-4525 703-846-6693 MSDS Fax on Demand: 613-228-1467, other MSDS information: 856-224-4644

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

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.

MOBIL PEGASUS 805

602466-00

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with scap 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) : > 216(420) (ASTM D-92). Flammable Limits (approx. % vol.in air) - LEL: 0.9%, UEL: 7.0% NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

5. 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 liquid with sand or other suitable absorbent and remove mechanically into containers. If necessary,

(Section continued next page)

MOBIL PEGASUS 805

602466-00 Page 3 of 9

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 liquid 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.

(Section continued next page)

MOBIL PEGASUS 805

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602466-00 Page 4 of 9

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): > 216(420) (ASTM D-92) FLAMMABILITY (solids) : NE AUTO FLAMMABILITY: NA EXPLOSIVE PROPERTIES: NA OXIDIZING PROPERTIES: NA VAPOR PRESSURE-make 20 C: < 0.1 VAPOR DENSITY: > 2.0 EVAPORATION RATE: NE RELATIVE DENSITY, 15/4 C: 0.86-0.07 SOLUBILITY IN WATER: Negligible PARTITION COEFFICIENT: > 3.5 VISCOSITY AT 40 C, oSt: > 50.0 VISCOSITY AT 100 C, cSt: > 10.0 POUR POINT C(F): < -12(10) FREEZING POINT C(F) : NE VOLATILE ORGANIC COMPOUND: NE DMSO EXTRACT, IF-346 (WI.8): <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. HALARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures. HAZARDOUS POLYMERIZATION: Will not occur.

EXXONMODII MATERIAL SAFETY DATA BULLETIN

MOBIL PEGASUS 805

602466-00

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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 cils, 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 troated oils showed no evidence of carcinogenic effects. These results are confirmed on a

(Section continued next page)

EXXONMOBIL MATERIAL SAFETY DATA BULLETIN

MOBIL PEGASUS 805

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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 PATE AND EFFECTS:

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

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.

MOBIL PEGASUS 805

602466-00

Page 7 of 9

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 LATA.

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 HALARD 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 . _____ -----____ 1330-20-7 22 XYLENES (0.03%) ZINC (ELEMENTAL ANALYSIS) (0.033) __7440-66-6_ 22 PHOSPHORODITHOIC ACID, 0,0-DI 68649-42-3 22 C1-14-ALKYL ESTERS, ZINC SALTS (2:

(Section continued next page)

MOBIL PEGASUS 805

602466-00

Page 8 of 9

1) (ZDDP) (0.33%)

--- 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=0SHA 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: 27SEP2001

(Section continued next page)

MOBIL PEGASUS 805

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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.

| 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 87505State of New Mexico
Energy Minerals and Natural R
Oil Conservation Divisi
1220 South St. Francis
Santa Fe, NM 87505 | ion <i>AN</i> 2004
BF OF C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office | |
|---|--|--|
| REQUEST FOR APPROVAL TO ACC | CEET SOLID WASTE | |
| I. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator Energen Resources Corp. | |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: Carson #1 SWD | |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility
Landfarm #2 | y, 6. Transporter: Riley | |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farmington, NN 87401 | 8. State: New Mexico | |
| 7. Location of Material (Street Address or ULSTR) "D" Sec 26, T30N, R04
Rio Arriba County | W, Project #03022-002 | |
| 9. <u>Circle One</u>: 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: | | |
| Water and sand generated during cleaning of a production storage tank
the tank have been downhole. | k to perform internal repairs. All materials in | |

CWS attached.

766s

су

2

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

Vandrea KackSo Waste Management Cacility Authorized Agent SIGNATURE

TITLE: Landfarm Manager DATE: December 18, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use)
APPROVED BY: Jennitary TITLE: Enviro/Engr DATE: 1/06/04 | |
|---|-------|
| APPROVED BY: CONTRACTOR AND DATE: 100/04 | 800 B |
| | |
| APPROVED BY: A High TITLE gedlegist DATE: 1-6-4 | |
| | |

| DEC-29-03 MON 12:48 PM ENERGEN FARMINGTON | FAX NO. 15053266112 P. 02 |
|--|--|
| 12-18-03; 1:02PM;ENVIRO | ;5056321866 // 2/ 2 |
| ATTE STATE | |
| NEW MEXICO EN | ERGY, MINERALS and |
| | DURCES-DEPARTMENT |
| | |
| BILL RICHARDSON | |
| Governar | JAN 2004 Lori Wrotenbery
Director |
| Joanna Prukop
Cabiact Secretary | OII Conservation Division |
| N N | C. War. a |
| CERTIFICATE OF | WASTE STATUS |
| 1. Generator Name and Address | 2. Destination Name: |
| Energen Resources Corp.
2198 Bloomfield Hwy | Envirotech Inc. Soil Remediation Facility
Landfarm #2 |
| Farmington, New Mexico 87401 | Hilltop, New Mexico |
| 3. Originating Site (name); | |
| | Location of the Waste (Street address &/or ULSTR): |
| Carson #1 SWD | "D" Sec 26, T30N, R04W, Rio Arriba County |
| attach list of originating sites as appropriate
4. Source and Description of Waste | |
| 4. Source and Description of Waste
WATER AND SAND GENERATED DURING CL
PERFORM INTERNAL REPRINTS. ALL | ENNING OF STORAGE TANK TO |
| REAGAM INTERNAL REPAIRS. AL | MATERIAL IN THE TRACK MAS |
| BEIN DOWNHOLE. | |
| | |
| I, LARRY BROOKS | representative for : |
| Print Name | |
| Energen Resources Corp. | do hereby certify that, according to the Resource |
| Conservation and Recovery Act (RCRA) and Environmental Protect | ion Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| | EMPT 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 -+ | nazardous waste defined above. |
| For NON-EXEMPT waste the following documentation is attached | (check appropriate items): |
| MSDS Information | Other (description |
| RCRA Hazardous Waste Analysis
Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally C
NMAC 3.1 subpart 1403.C and D. | Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (Original Signature) | |
| Title: The BRETTEN FOREMAN | · |
| Phone Number: 321-6131 | |
| I HOHE INHIBEL, A CONTRACT | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emnrd.state.nm.us</u>

| District I1625 N. French Dr., Hobbs, NM 88240District II1301 W. Grand Avenue, Artesia, NM 88210District III1000 Rio Brazos Road, Aztec, NM 87410District IV1220 S. St. Francis Dr., Santa Fe, NM 87505 | State of New Mexico
Energy Minerals and Natural Resou
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 ACCEP | T SOLID WASTE | |
| RCRA Exempt: Non-Exempt: Verbal Approval Received: Yes | No 🛛 | Generator: The Hanover Company A since Gradient A since G | |
| 2. Management Facility Destination: Envirote
Landfarm #2 | ch Soil Remediation Facility, | 6. Transporter: Envirotech | |
| 3. Address of Facility Operator: 5796 U.S. H
87401 | ighway 64, Farmington, NM | 8. State: New Mexico | |
| 7. Location of Material (Street Address or ULS'
San Juan County | rr) "G" T32N, R10W, Sec 30, | Project #99043-009 | |
| 9. <u>C</u> ircle 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 delive | ered are only those consigned for transp | port. | |
| BRIEF DESCRIPTION OF MATERIAL: | , | | |

Screw compressor oil leaked from failed seal on compressor oil pump. Screw compressor oil is Coastal NGP-150. This material has been in continual contact with the natural gas stream according to the attached letter from Bryan Richardson of Hanover.

266/s

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CWS and Exemption Justification letter attached.

| Estimated Volume $\sim 1bbl$ Known Volume (to be entered by the operator at the end of the haul)cy |
|---|
| |
| SIGNATURE DATE: December 17, 2003
Waste Management Facility Authorized Agent TITLE: Landfarm Manager DATE: December 17, 2003 |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 |
| (This space for State Use) |

| (This space for State Use) | |
|----------------------------|------------------------------------|
| Jonni - Fri | TITLE: EUVIVO/ Engl DATE: 12/23/03 |
| APPROVED BY: DEMA CON | |
| APPROVED BY: | - TITLE: acro 09/5T DATE: 12-23-03 |
| | |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

| . · | | .: | |
|-----|---|----|--|
| • | ÷ | | |

Lori Wrotenbery Director Oil Conservation Division

4242

2.02/03

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|----------------|--|--|
| | The Hanover Company | Envirotech Inc. Soil Remediation Facility |
| | 1280 Troy King Rd. | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | Conoco/Phillips | |
| | F/C Fed #1 | |
| | N36.57.575 W107.55.170 ¹
attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | Screw compressor oil leaked from fa | iled seal on compressor oil pump. Screw |
| | compressor oil is Coastal NGP-150. | Lied Ball on compressor of pamp. Screw |
| | | |
| | | |
| | R. D. | |
| I, | BRYAN KICHARDSON | representative for : |
| | Print Name | |
| | The Hanover Company
rvation and Rccovery Act (RCRA) and Environmental Protecti | do hereby certify that, according to the Resource |
| XX R
¥S | bed waste is: (Check appropriate classification)
XEMPT oilfield waste
EE ATTACHED JUSTIFICATION analysis of
at nothing has been added to the exempt or non-exempt non -1 | r by product identification |
| | at nothing has been added to the exempt of non-exempt not | |
| | RCRA Hazardous Waste Analysis
Chain of Custody | ther (description |
| This w
NMA(| vaste is in compliance with Regulated Levels of Naturally O
C 3.1 subpart 1403.C and D. | occurring Radioactive Material (NORM) pursuant to 20 |
| Name | (Original Signature): | |
| Title: | HSE COORDINATOR | |
| - | Number: (505) 564 - 7583 | |
| Date:_ | 11-24-03 | |
| | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (595) 334-6178 * Fax (505) 334-6170 * <u>http://www.crnnrd.state.nm.us</u>





| To: | Denny F | oust (NMOCD) | |
|-----|---------|--------------|--|
|-----|---------|--------------|--|

From: Bryan Richardson (The Hanover Company)

CC:

Date: 12/16/2003

Re: Exempt Justification for Screw Compressor Oil Releases

Mr. Foust,

I want to explain the process involved with screw compressor oil that would justify its waste status as "Exempt" or Oilfield Waste. The waste status is applicable to releases of screw compressor oil that constitutes a disposal activity of the contaminated material with screw compressor oil as the only contaminate involved.

Screw compressor oil is mixed directly with the gas stream as a lubricating agent in the compression process. After the oil and gas mixture leaves the compressor under pressure, it is directed into a coalescent filtering system that separates the oil and gas. After separation, the gas proceeds into the cooler section for cooling before final discharge. The oil is also directed into the cooler section for cooling, but is recycled back through the oil system for continual lubrication of the compressor bearings and compressor rotors. The recycled compressor oil is continually introduced into the natural gas stream during this lubrication process.

With this constant interaction with the natural gas stream, it is my opinion that any contamination applicable with released compressor oil would be classified as "Exempt".

Please contact me if you have any further questions and/or need further information. Thank you for your time.

Brvan Richardson

Hanover HSE Coordinator

1

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

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator: BP Amoco |
|--|------------------------------|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: GCU 595 |
| Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Riley |
| 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) 865' FNL, 1050' FWL, Sec 19, T29N, R12W, San Juan County | Project #03143-002 |

9. <u>Circle One</u>:

- 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:

Sand and water from cleaning out blow tank in order to move it off location. All materials have been downhole.

TITLE

TITLE:

turio

CWS attached.

(This space for State Use,

APPROVED BY

APPROVED BN

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

darys SIGNATURE / ANALLA Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 16, 2003

Engr

DEC

1066

DATE:

DATE

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division з

CERTIFICATE OF WASTE STATUS

| 1 | 1. Generator Name and Address | 2 Destination Mama |
|----------|--|--|
| | | 2. Destination Name: |
| | BP Amoco | Envirotech Inc. Soil Remediation Facility |
| | 200 Energy Court | Landfarm #2 |
| | Farmington, New Mexico 87401 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | ocation of the Waste (Street address &/or ULSTR): |
| | GCU 595 - Sec. 19, T29N, R12W | 865' FNL, 1050' FWL |
| | attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | Sand and Water - clean out Blow TA
All Materials havendown The | wk-To move off hocation |
| Į | All Materials havendown The | Well |
| ı, | loy d Armenta
Print Name | representative for : |
| | | |
| | BP Amoco | i do hereby certify that, according to the Resource |
| | ration and Recovery Act (RCRA) and Environmental Protection | Agency's July, 1988, regulatory determination, the above |
| describe | d waste is: (Check appropriate classification) | - · · · |
| х | EVERMT allfald months BYAN EVE | |
| <u>A</u> | | MPT oilfield waste which is non-hazardous by characteristic product identification |
| | | product documente auton |
| and that | nothing has been added to the exempt or non-exempt non -haz | ardous waste defined above. |
| h | | ······································ |
| For NO | N-EXEMPT waste the following documentation is attached (ch | eck appropriate items): |
| | | er (description |
| | RCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| The | A financial second to be a financial second and the second s | |
| | ste is in compliance with Regulated Levels of Naturally Occ
3.1 subpart 1403.C and D. | urring Radioactive Material (NORM) pursuant to 20 |
| INMAC | | |
| Name (| Original Signature): <u>Ilago</u> (une | |
| Title: | wellsite leader | |
| Phone N | Number: 326-9242 | |
| Date: | 12/16/2003 | |
| | *** | |
| | Oil Conservation Division * 1000 Rio E | Brazos Road * Aztec, New Mexico 87410 |

Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emard.state.nm.us

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

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 I Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| I. RCRA Exempt: 🔀 Non-Exempt: 🗌 | 4. Generator: Conoco Phillips |
|---|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 30-5 Unit
#237A |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Key |
| 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) "P" Sec 16, T30N, R5W,
Rio Arriba County | Project #96052-067 |

9. <u>Circle One</u>:

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:

Reserve pit fluids with some solids (drilling fluids, water, soil, drill cuttings).

*Could not be disposed at Key because it was too heavy.

CWS attached.

Estimated Volume <u>240bbls</u> cy Kno

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

-TITLE: Landfarm Manager)anava a DATE: December 13, 2003 SIGNATURE Waste Management Facility Anthorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use)
APPROVED BY: Demy term TITLE: Enviro/Eng | DATE [2]23/0 3 |
|--|-----------------------|
| APPROVED BY: A Make TITLE: galogist | DATE 12-28-03 |



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 | Envirotech Inc. Soil Remediation Facility | | | |
| 5525 Highway 64 | Landfarm #2 | | | |
| Farmington, NM 87401 | Hilltop, New Mexico | | | |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): | | | |
| $\lambda \alpha \lambda \alpha \alpha \beta \sigma \beta \omega \gamma \tau \gamma \lambda \beta \eta$ | APT #30-039-27488 | | | |
| Unit P, See. 16, T30N, R5W | | | | |
| Unit P, See. 16, T30N; R5W
Rio Arn ba County, NM 750'FSI
attach list of originating sites as appropriate | - & 1125'FEL | | | |
| 4 Source and Description of Waste | | | | |
| 240 Reserve pit fluids by some solid
BBL (Cauld not dispose of at key disp | s (drilling fluids water soil | | | |
| BBL | digit Authonord | | | |
| (Agend wat discover af at you disco | origination and the second | | | |
| (Course Mor a spose of a neg a sp | ssal because was too heavy) | | | |
| | | | | |
| Monica D. Olson | | | | |
| Print Name | representative for : | | | |
| | | | | |
| ConocoPhillips Company | do hereby certify that, according to the Resource | | | |
| nscrvation and Recovery Act (RCRA) and Environmental Protection .
cribed waste is: (Check appropriate classification) | Agency's July, 1988, regulatory determination, the above | | | |
| | | | | |
| EXEMPT oilfield wasteNON-EXEMP | T oilfield waste which is non-hazardous by characteristic | | | |
| analysis or by | product identification | | | |
| that nothing has been added to the exempt or non-exempt non -haza | urdous waste defined above | | | |
| The normal sector of the secto | a doda waste defined above. | | | |
| NON-EXEMPT waste the following documentation is attached (che | ck appropriate items): | | | |
| MSDS InformationOther | (description | | | |
| RCRA Hazardous Waste Analysis | | | | |
| Chain of Custody | | | | |
| waste is in compliance with Regulated Levels of Naturally Occurring Radioactive Material (NORM) pursuant to 20 | | | | |
| AC 3.1 subpart 1403.C and D. | ring Radioactive Material (NORM) pursuant to 20 | | | |
| | | | | |
| = (Original Signature): NOVICA D. CLACK | · · · · · · · · · · · · · · · · · · · | | | |
| HSE & Rouldatory Trabaicion | | | | |
| HSE & Regulatory Technician | | | | |
| December 13, 2003 | | | | |
| | | | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.emmrd.state.nat.us

| District 1
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 Resou
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505 | DEC 2003 | Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|---|---|
| REQUEST FO | R APPROVAL TO ACCE | T SOLID WASTE | |
| 1. RCRA Exempt: 🛛 Non-Exempt: 🗌 |] | 4. Generator: Conoco Pl | hillips |
| Verbal Approval Received: Yes 🗌 | No 🔀 | 5. Originating Site: Sunn
Compressor Station | yside |
| 2. Management Facility Destination: Enviro
Landfarm #2 | otech Soil Remediation Facility, | 6. Transporter: TBA | |
| Address of Facility Operator: 5796 U.S. 87401 | Highway 64, Farmington, NM | 8. State: Colorado to No | ew Mexico |
| 7. Location of Material (Street Address or UL
Plata County | STR) "E" Sec 9, T33N, R9W, La | Project #96052-065 | |
| 9. <u>Circle One</u> : | | | |
| A. All requests for approval to accept oilfiel
one certificate per job. | ld exempt wastes will be accompanied by | y a certification of waste from t | the Generator; |

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.

B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the

BRIEF DESCRIPTION OF MATERIAL:

Stained soil from slop tank runover that occurred on November 10, 2003 (95bbls of produced water & 15bbls of compressor slop oil.)

*Runover occurred ~24hours after Key pulled the liquids from the tank- the callout system failed when the tank was ready to be pulled again causing the tank to run over.

CWS & notification to CDPHE attached.

| | Estimated Volume | ~12 | _cy | Known Volume (to be entered by the operator at the end of the haul) | |
|--|------------------|-----|-----|---|--|
|--|------------------|-----|-----|---|--|

TITLE: Landfarm Manager DATE: December 11, 2003 SIGNATURE Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | | an generative the file
and the peak of the training of the tra | |
|----------------------------|---|--------------------|---|----------------|
| | | ITLE: <u>Farie</u> | 6 1 - | DATE: 12/23/03 |
| APPROVED BY: | T | ITLE: <u>y</u> Col | ayist | DATE: 123.03 |



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

4/

96152-065

CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: | | | | |
|---|--|--|--|--|--|
| ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility | | | | |
| 5525 Highway 64 | Landfarm #2 | | | | |
| Farmington, NM 87401 | Hilltop, New Mexico | | | | |
| | | | | | |
| 3. Originating Site (name):
Sunnyside Compressor Station | ocation of the Waste (Street address &/or ULSTR): | | | | |
| Unit E, Sec. 9, T33N, R9W | | | | | |
| La Plata County, CO | | | | | |
| attach list of originating sites as appropriate
4. Source and Description of Waste | | | | | |
| 4. Source and Description of Waster | and 195 BBI moduled index i | | | | |
| 4. Source and Description of Waster
12? CY Stained Soil from Slop to
(unlinewing 15 BBL compressor slop | and the produced water ? | | | | |
| (unlinning 15 BBL compressor slow | P 511) runover (11-10-05) | | | | |
| of today) | | | | | |
| | | | | | |
| | | | | | |
| , Monica D. Olson | representative for : | | | | |
| Print Name | | | | | |
| ConocoPhil/lips Company | do hereby cortify that according to the | | | | |
| Conservation and Recovery Act (RCRA) and Environmental Protection A | do hereby certify that, according to the Resource | | | | |
| lescribed waste is: (Check appropriate classification) | | | | | |
| | | | | | |
| EXEMPT oilfield waste NON-EXEMPT | oilfield waste which is non-hazardous by characteristic product identification | | | | |
| analysis of by | product identification | | | | |
| nd that nothing has been added to the exempt or non-exempt non -hazar | rdous waste defined above. | | | | |
| | | | | | |
| or NON-EXEMPT waste the following documentation is attached (check | | | | | |
| | (description | | | | |
| RCRA Hazardous Waste Analysis
Chain of Custody | | | | | |
| | | | | | |
| his waste is in compliance with Regulated Levels of Naturally Occur | ring Radioactive Material (NORM) purspent to 20 | | | | |
| MAC 3.1 subpart 1403.C and D. | Bandanti (1. Origin) purseant to 20 | | | | |
| | | | | | |
| ame (Original Signature): | | | | | |
| HEE & Partillata Trahaman | | | | | |
| the: <u>ADE & Jughturory Thermillion</u> | | | | | |
| 12-11-03 | | | | | |
| te: | | | | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.eunrd.state.nm.us</u> ` ر

ConocoPhillips

San Juan Operations 5525 Hwy 64 Farmington, NM 87401

FAX

Date: December 11, 2003

No. of pages including cover sheet: 2

| То: | Donna Stoner | From: | Monica D. Olson |
|-----------|--------------------|-------------|-----------------|
| Company: | СДРНЕ | Department: | San Juan HSE |
| Location: | Grand Junction, CO | Phone: | 505-599-3458 |
| Phone: | 970-248-7168 | Fax: | 505-599-3442 |
| Fax: | 970-248-7198 | | |
| | | L | |

Remarks: 🗆 Urgent X For your review 🗆 Reply ASAP 🛛 Please Comment

Ms. Stoner,

This is to inform you that we will be hauling stained soil from our Sunnyside Compressor Station located in La Plata County, CO to Envirotech Landfarm near Farmington, NM. We will be hauling several cubic yards (~12) of soil stained by fluids from a slop tank (produced water and used compressor oil) that overflowed due to a failure in our callout system when the tank needed to be pulled. This spill occurred at this location on 11/10/03. The tank contained RCRA exempt oilfield waste.

As always, I am including the NMOCD Certificate of Waste Status form for your information.

Please let me know if you have any questions or comments. Thank you!

Monica D. Olson HSE & Regulatory Technician ConocoPhillips Company 5525 Hwy. 64 Farmington, NM 87401 Phone: 505-599-3458

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

APPROVED BY:

APPROVED BY

State of New Mexico **Energy Minerals and Natural Resources**

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

Submit Original Plus 1 Copy to Appropriate District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: Non-Exempt: | 4. Generator: Conoco Phillips | | |
|---|--|--|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 28-7 Unit
#82 | | |
| 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) "A" Sec 4, T27N, R7W,
Rio Arriba County | Project #96052-066 | | |
| 9. <u>Circle One:</u> 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: Paraffin & wash water from cleaning out a condensate tank. CWS attached. | | | |
| Estimated Volume <u>30bbls</u> cy Known Volume (to be entered by the operator at the | end of the haul)cy | | |
| SIGNATURE Management Facility Authorized Agent TITLE: Landfarm Mana | ager DATE: December 12, 2003 | | |
| TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615 | | | |
| (This space for State Use) | | | |

TITLE: G-cologist

TITLE:

DATE: l

DATE: 72-23

54AM, CONOCOPALLES

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

Lori Wrotenbery Director Oil Conservation Division

;505 599 3444

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|---------------|--|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| · | Farmington, NM 87401 | Hilltop, New Mexico |
| | | |
| | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | 1 Jan Juan 20-1 Wit #02 | API # 30-039-67201 |
| | Unit A, Sec. 4, TZ7N, R7W | |
| | 190' FNL & 190' FEL, RD Arriba County, N
attach list of originating sites as appropriate | M |
| | attach list of originating sites as appropriate | |
| | 4. Source and Description of Waste | |
| | 30 BBL parathin & wash from de | aning out condensate tank |
| | | |
| | | |
| 1 | | |
| L | | |
| • | MARCINE | |
| | Monica D. Olson | representative for : |
| | Print Name | |
| | ConocoPhillips Company | |
| | | do hereby certify that, according to the Resource |
| rihe. | ation and Recovery Act (RCRA) and Environmental Protection
d waste is: (Check appropriate classification) | Agency's July, 1988, regulatory determination, the above |
| ·/ | | |
| EX | EMPT oilfield wasteNON-EXEMP | T oilfield waste which is non-hazardous by characteristic |
| | analysis or by | y product identification |
| | | |
| hat | nothing has been added to the exempt or non-exempt non -haza | ardous waste defined above. |
| | | |
| NON | I-EXEMPT waste the following documentation is attached (che | |
| | | - (description |
| | RCRA Hazardous Waste Analysis | |
| | Chain of Custody | |
| / | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| was | te is in compliance with Regulated Levels of Naturally Occu | rring Radiosctive Material (NORM) pursmant to 20 |
| <u> </u> | 3.1 subpart 1403.C and D. | |
| (0 | riginal Signature): MMila D. OLSON | · · · · · · · · · · · · · · · · · · · |
| ie (O | • | |
| | HSE & Regulatory Technician | |
| 31 <u></u> 14 | The grayheard a rechard | |
| | 12-11-03 | |
| : | | |
| | | |
| | | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.ennrd.state.nm.us</u>

| District I |
|---|
| 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. Françis 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: 🗌 | 4 Generator: Conoco Phillips |
|---|--|
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: San Juan 29-5 Unit
#77 |
| 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) "L", Sec 26, T29N, R5W, Rio Arriba County | Project #96052-064 |
| | |

9. <u>Circle One</u>:

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:

Stained soil from spill cleanup of mostly produced water and a little condensate generated when the separator valve stuck open spraying produced water and condensate onto the location around the pit tank.)

CWS attached.

| | , | <u> </u> |
|------------------------|---|---------------|
| Estimated Volume 16 cy | Known Volume (to be entered by the operator at the end of the haul) | \mathcal{O} |
| •= | | |

SIGNATURE Waste Management Facility Authorized Agent

TITLE: Landfarm Manager DATE: December 11, 2003

cy

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

| (This space for State Use) | | | | |
|----------------------------|---------|---------------------------------|-------|----------------|
| APPROVED BY: | 1 teint | TITLE: Envoro/ | Encir | DATE: 12123/03 |
| | A ALL | TITLE: U.edl | | DATE: 12-23-03 |
| APPROVED BY: | = Thyse | TITLE: $\underline{\eta} e d l$ | 19151 | DATE: 12-23-03 |



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

| Γ | 1. Generator Name and Address | 2. Destination Name: |
|-----------------------|---|---|
| | ConocoPhillips Company | Envirotech Inc. Soil Remediation Facility |
| | 5525 Highway 64 | Landfarm #2 |
| | Farmington, NM 87401 | Hilltop, New Mexico |
| - | Jan Juan 29-5 Unit # 1 R5W | Location of the Waste (Street address &/or ULSTR):
API # 30-039-21055 |
| | 1450' FSL & (100' FWL, 1610 ATVIDA
attach list of originating sites as appropriate | County, NM |
| | 4. Source and Description of Waste | and a forestly produced water & little houses |
| . { | le cy stained soil train spill U | lance or mostly produces where a modeling |
| | (Separator Value Stuck open spi
onto location around pit to | eanup of mostly produced water ? little kondenood
aying produced water à condensate
unk) |
| | | |
| | Δ.Δ. | |
| L | Monica D. Olson | representative for : |
| _,, | Print Name | |
| | ConocoPhillips Company | do horoby contification and the second |
| Conserva
described | tion and Recovery Act (RCRA) and Environmental Protection
waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
Agency's July, 1988, regulatory determination, the above |
| 1 | IMPT oilfield wasteNON-EXEMP | F oilfield waste which is non-hazardous by characteristic
/ product identification |
| ind that r | nothing has been added to the exempt or non-exempt non -haza | rdous waste defined above. |
| for NON | -EXEMPT waste the following documentation is attached (che | ck appropriate items): |
| ~ | MSDS Information Other | (description |
| - | RCRA Hazardous Waste Analysis
Chain of Custody | |
| | e is in compliance with Regulated Levels of Naturally Occu
1 subpart 1403.C and D. | rring Radioactive Material (NORM) pursuant to 20 |
| ame (O | riginal Signature): MMICA D. OLAM | |
| itle: | HSE & Regulatory Technician | |
| ate: | 12-11-03 | · |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * http://www.einnrd.state.nm.us

| District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
1220 S. St. Francis Dr., Santa FC, MM 87505
DIVISION
DIVISION
District IV
1220 S. St. Francis Dr., Santa FC, MM 87505
DIVISION
DIVISION
DIVISION
Santa Fe, NM 87505 | rces
Form C-138
Revised March 17, 1999
Submit Original
Plus 1 Copy
to Appropriate
District Office |
|--|---|
| REQUEST FOR APPROVAL TO ACCEP | |
| I. RCRA Exempt: 🔲 Non-Exempt: 🔀 | 4. Generator: Compressor Systems Inc. |
| Verbal Approval Received: Yes 🗌 No 🕅 | 5. Originating Site: John Charles #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) 1650' FNL, 990' FWL, Sec 13, T27N, R9W, San Juan County | Project #01038-015 |
| B. All requests for approval to accept non-exempt wastes must be accompanied by n material is not-hazardous and the Generator's certification of origin. No waste cla approved All transporters must certify the wastes delivered are only those consigned for transp BRIEF DESCRIPTION OF MATERIAL: Engine oil contaminated soil generated when an oil line on an engine broke ground. CWS, MSDS, and analytical attached. | assified hazardous by listing or testing will be
port. |
| 10 date | e 2/24/04 |
| Estimated Volume cy Known Volume (to be entered by the operator at the e | nd of the haul) cv |
| Estimated Volume cy Known Volume (to be entered by the operator at the entered by the entered by the operator at the | <u> </u> |
| SIGNATURE MANDAR ACKS TITLE: Landfarm Man | ager DATE: December 1, 2003 |

| District 1
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 REQUEST FOR APPROVAL TO ACCEP | Submit Original
Plus 1 Copy
to Appropriate
District Office |
|---|--|
| KEQUEST FOR APPROVAL TO AGE EP | 1 SOEID WASTE |
| 1. RCRA Exempt: 🗌 Non-Exempt: 🖂 | (4.77Generator: Compressor Systems Inc. |
| Verbal Approval Received: Yes 🗌 No 🔀 | 5. Originating Site: John Charles #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) 1650' FNL, 990' FWL, Sec 13, T27N, R9W, San Juan County | Project #01038-015 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by ne material is not-hazardous and the Generator's certification of origin. No waste cla approved All transporters must certify the wastes delivered are only those consigned for transp | ecessary chemical analysis to PROVE the
ssified hazardous by listing or testing will be |
| BRIEF DESCRIPTION OF MATERIAL: | ~ |
| Engine oil contaminated soil generated when an oil line on an engine broke ground.
CWS, MSDS, and analytical attached. | draining ~50 gallons of oil onto the |
| · · · · | |

| <u>^</u> | | |
|-------------------------------------|-------------------------|------------------------|
| Jandrea R.
Vaste Management Faci | TITLE: Landfarm Manager | DATE: December 1, 2003 |

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

___cy

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

Estimated Volume _____cy

FILE No.472 11/25 '03 AM 11:30 ID:COMPRESSOR SYSTEMS INC. FAX:15056328985





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Gavernor Jonnna Prukop Cabinel Secretary Lori Wrotenbery Director Oil Conservation Division

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CERTIFICATE OF WASTE STATUS

| 1. Generator Name and Address | 2. Destination Name: |
|---|--|
| COMPRESSOR SYSTEMS INC | Envirotech Inc. Soil Remediation Facility |
| 5995 US 14WY 64 | Landfarm #2 |
| EARDIBNGTON N.M. | Hilltop, New Mexico |
| | |
| 3. Originating Site (name): I
DOHN CHARLES #2 | ocation of the Waste (Street address &/or ULSTR): |
| SECT 13 RAW-T27N FNL 1650' FUL 990 | , ′ |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | AROUT |
| ENGIN OZ L FROM A BROKE OZ L LING | ON INDING DRAINLY MOUT |
| 50 GAHONS ON GROUND | |
| | |
| 1 | |
| I, <u>Hause Ray</u>
Print Name | representative for : |
| Print Name | |
| CAMELISSAL SYSTEMS IN | do hereby carlify that according to the Descurse |
| Conservation and Recovery Act (RCRA) and Environmental Protection | Agency's July, 1988, regulatory determination, the above |
| described waste is: (Check appropriate classification) | |
| | national and the state of the state |
| EXEMPT oilfield waste XNON-EXEMP | F oilfield waste which is non-hazardous by characteristic
product identification |
| | |
| and that nothing has been added to the exempt or non-exempt non -haza | rdous waste defined above. |
| | |
| For NON-EXEMPT waste the following documentation is attached (che
X MSDS InformationOther | ck appropriate items);
(description |
| RCRA Hazardous Waste Analysis | |
| Chain of Custody | |
| | |
| This waste is in compliance with Regulated Levels of Naturally Occu
NMAC 3.1 subpart 1403.C and D. | rring Radioactive Material (NORM) pursuant to 20 |
| | |
| Name (Original Signature): Kender ky | |
| Title: SENTER SERVERE TECH | |
| Phone Number: 505 - 632 - 550/ EXT 125 | |
| / | |
| Date: 11/25/03 | |

Oil Conservation Division * 1000 Rio Brazos Road * Aztec, New Mexico 87410 Phone: (505) 334-6178 * Fax (505) 334-6170 * <u>http://www.emmrd.state.nm.us</u>

ENVIROTICH ABS

TRACE METAL ANALYSIS

| Client: | CSI | Project #: | 01038-001 |
|--------------------|---------------|------------------|-------------|
| Sample ID: | Unit #2743 | Date Reported: | 12-01-03 |
| Laboratory Number: | 27295 | Date Sampled: | 11-25-03 |
| Chain of Custody: | 11596 | Date Received: | 11-25-03 |
| Sample Matrix: | Soil | Date Analyzed: | 12-01-03 |
| Preservative: | Cool | Date Digested: | 11-26-03 |
| Condition: | Cool & Intact | Analysis Needed: | RCRA Metals |

| Parameter | Concentration
(mg/Kg) | Det.
Limit
(mg/Kg) | TCLP Regulatory
Level
(mg/Kg) | |
|-----------|--------------------------|--------------------------|-------------------------------------|--|
| Arsenic | 0.019 | 0.001 | 5.0 | |
| Barium | 2.46 | 0.001 | 100 | |
| Cadmium | 0.001 | 0.001 | 1.0 | |
| Chromium | 0.008 | 0.001 | 5.0 | |
| Lead | 0.017 | 0.001 | 5.0 | |
| Mercury | ND | 0.001 | 0.2 | |
| Selenium | 0.011 | 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: | John Charles Indian 1-149-8466 Well #2 SWNW Sec 13 T27N R9W. |

Analyst

Mistime Milleley Review

ENVIROTECHALABS

PRACTICAL SOLUTIONS FOR A EFFTER TOMORROW

TRACE METAL ANALYSIS Quality Control / Quality Assurance Report

| Client: | QA/QC Proj | | | | | | N/A | |
|---|------------------|----------------|----------------|------------------|--|---------------|---------------------|--|
| Sample ID: | | 12-01-03 QA/AC | | Date Rep | | 12-01-03 | | |
| Laboratory Number: | | 27295 | | Date San | | | N/A | |
| Sample Matrix: | | Soil | | Date Rec | • | | N/A | |
| Analysis Requested: | | Total RCR | A Metals | Date Ana | lyzed: | 12-01-03 | | |
| Condition: | | N/A | | Date Dige | • | | 11-26-03 | |
| Stations 2010 Contraction 2 700 Contraction of the Stations | nstrument | Method. | Detection | Sample | Duplicate | % | Acceptance | |
| Conc. (mg/Kg) B
Arsenic | lank (mg/L
ND |) Blank
ND | Limit
0.001 | 0.019 | 0.019 | Diff.
0.0% | Range
0% - 30% | |
| Barium | ND | ND | 0.001 | 2.46 | 2.49 | 1.2% | 0% - 30% | |
| Cadmium | ND | ND | 0.001 | 0.001 | 0.001 | 0.0% | 0% - 30% | |
| Chromium | ND | ND | 0.001 | 0.008 | 0.008 | 0.0% | 0% - 30% | |
| Lead | ND | ND | 0.001 | 0.017 | 0.017 | 0.0% | 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 | ND | ND | 0.0% | 0% - 30% | |
| Spike
Conc. (mg/Kg) | 45 | Spike
Added | Sample | Spiked
Sample | a second a second second second second second second second second second second second second second second s | | Acceptance
Range | |
| an da anna an ann an ann an ann ann an ann an a | and the second | | | | | | | |
| Arsenic | | 0.500 | 0.019 | 0.518 | 99.8% | | 80% - 120% | |
| Barium | | 0.500 | 2.46 | 2.98 | 100.7% | | 80% - 120% | |
| Cadmium | | 0.500 | 0.001 | 0.500 | 99.8% | | 80% - 120% | |
| Chromium | | 0.500 | 0.008 | 0.507 | 99.8% | | 80% - 120% | |
| Lead | | 0.500 | 0.017 | 0.516 | 99.8% | | 80% - 120% | |
| Mercury | | 0.050 | ND | 0.050 | 100.0% | | 80% - 120% | |
| Selenium | | 0.500 | 0.011 | 0.510 | 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 sample 27295.

Analyst

lis Review

CHAIN OF CUSTODY RECORD

11596

.

| Client / Project Name | | | Project Location | John Garles In | din 1 | -147- | -84 lele | | PARAMETERS | | | Ţ |
|--|----------------|----------------|------------------|------------------------------------|------------------------------------|--|----------|------|--------------------|-----------|-------------------|-------------|
| CSI | | | Weilt | Well #2 | | i | | | FADAWETENS | | | |
| Sampler: | | | Client No. | Client No.
0/038 - 001 | | No. of
Containers
Containers
Detels | | | Remarks | | | |
| Sample No./
Identification | Sample
Date | Sample
Time | Lab Number | Sample
Matrix | Conti
Conti | ecea 8
medels | 50 | | | | | |
| Lin: E #2743 | 11/25/03 | 12:30 | 27295 | Soil | | | X | | SWNI | J Sec | <u>. 137</u>
R | - 27
.91 |
| | | | | | | | | | | | | |
| | • | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | <u>.</u> | | | | | | | | |
| Relinquished by: (Signatu
Relinquished by: (Signatu | aca | | | 11-25:03 2:25pm / | eived by: (
////
eived by: (| jt. | m | What | | Date | Tim
]4:2 | |
| Relinquished by: (Signate | ure) | | | Rece | eived by: (| Signatur | re) | | | | | |
| Fax: Phillip
Mail | Ray (| e CSI | | ENVIROTE | CH | | | | Sample | e Receipt | NN | V/A |
| mail | (` | | | 5796 U.S. Hig
Farmington, New I | hway 6
Mexico 8 | 4 | | | Received Intact | | | |
| | | | | (505) 632- | 0615 | | | | Cool - Ice/Blue Ic | e | | |

Material Safety Data Sheet

Click on the product name to go to the Salesfax description sheet. Click on the grade to go to the Salesfax typical test data sheet. Chevron HDAX® Low Ash Gas Engine OilsSAE 15W-40, 30, 40 MSDS: 7046 Revision #: 1 Revision Date: 02/18/99

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEVRON HDAX Low Ash Gas Engine Oil and HDAX LFG

PRODUCT NUMBER(S): CPS232325 CPS232327 CPS232328 CPS232331 SYNONYM: CHEVRON HDAX Low Ash Gas Engine Oil SAE 15W-40. CHEVRON HDAX Low Ash Gas Engine Oil SAE 30 CHEVRON HDAX Low Ash Gas Engine Oil SAE 40 CHEVRON HDAX LFG Gas Engine Oil SAE 40

COMPANY IDENTIFICATION

EMERGENCY TELEPHONE NUMBERS

Chevron Products Company Global Lubricants 555 Market St. Room 803 San Francisco, CA 94105-2870

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

DDUCT INFORMATION: MSDS Requests: (800) 414-MSDS or (800) 414-6737 Environmental, Safety, & Health Info: (415) 894-0434 Product Information: (800) 582-3835

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0 % CHEVRON HDAX Low Ash Gas Engine Oil and HDAX LFG

CONTAINING

COMPONENTS AMOUNT LIMIT/QTY AGENCY/TYPE

LUBRICATING BASE OIL SEVERELY REFINED PETROLEUM DISTILLATE > 75.00%

5 mg/m3 (mist) ACGIH TWA 10 mg/m3 (mist) ACGIH STEL 5 mg/m3 (mist) OSHA PEL

The BASE OIL may be a mixture of any of the following: CAS 64741884, CAS 64741895, CAS 64741964, CAS 64741975, CAS 64742014, CAS 64742525, CAS 64742536, CAS 64742547, CAS 64742627, CAS 64742650, or CAS 72623837.

ADDITIVES INCLUDING THE FOLLOWING < 25.00%

NC ALKARYL DITHIOPHOSPHATE ...emical Name: ZINC ALKARYL DITHIOPHOSPHATE

file:///CI/My Documents/Master MSDS Folder/Chevron HDAX Low Ash Gas Engine.txt (1 of 7) [8/1/2000 12:06:19 PM]

PAGE 3

- FILE No.472 11/25 '03 AM 11:31 ID:COMPRESSOR SYSTEMS INC. FAX:15056328985 PAGE file:///Cl/My Documents/Master MSDS Folder/ on HDAX Low Ash Gas Engine.txt CAS54261675 < 1.50% NONE NA COMPOSITION COMMENT: All the components of this material are on the Toxic Substances Control "ot Chemical Substances Inventory. inis 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:

4

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. 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:

assification (29 CFR 1910.1200): Not classified by OSHA as flammable or umbustible.

file:///Cl/My Documents/Master MSDS Folder/Chevron HDAX Low Ash Gas Engine.bt (2 of 7) [8/1/2000 12:06:19 PM]

. FILE No. 472 11/25 '03 AM 11:32 ID:COMPRESSOR SYSTEMS INC. FAX:15056328985 file:///CI/My Documents/Master MSDS Fold vron HDAX Low Ash Gas Engine.txt use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits. "RSONAL PROTECTIVE EQUIPMENT **I/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 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: Dark amber liquid. pH: NDA VAPOR PRESSURE: NA VAPOR DENSITY (AIR=1): NA NDA SAILING POINT: SEZING POINT: NDA FELTING POINT: NA Soluble in hydrocarbon solvents; insoluble in water. SOLUBILITY: SPECIFIC GRAVITY: 0.88 @ 15.6/15.6C EVAPORATION RATE: NA 11.0 - 14.4 cSt @ 100C (min.) VISCOSITY: PERCENT VOLATILE (VOL): NA

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: H2S may be released at high temperatures. 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 monents. 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). This product contains zinc alkaryl dithiophosphate which is similar in toxicity to zinc alkyl dithiophosphate (2DDP). Several (2DDPs) have been reported to have weak mutagenic activity in cultured mammalian cells but

only at concentrations that were toxic to the test cells. We do not believe that there is any mutagenic risk to workers exposed to ZDDPs. During use in engines, contamination of oil with low levels of

cancer-causing combustion products occurs. Used motor oils have been shown to cause skin cancer in mice following repeated application and intinuous exposure. Brief or intermittent skin contact with used motor oil is not expected to have serious effects in humans if the oil is thoroughly removed by washing with soap and water. See Chevron Material Safety Data Sheet No. 1793 for additional information on used motor oil.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: No data available. 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

file:///Cl/My Documents/Master MSDS Folder/Chevron HDAX Low Ash Gas Engine.bt (5 of 7) [8/1/2000 12:06:19 PM]

. FILE No. 472 11/25 '03 AM 11:32 ID:COMPRESSOR SYSTEMS INC. FAX:15056328985 file:///CI/My Documents/Master MSDS Folde vron HDAX Low Ash Gas Engine.txt 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. " SHIPPING NAME: NONE LUT 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: MO REGULATORY LISTS SEARCHED: 01=SARA 313 11=NJ RTK 22=TSCA Sect 5(a)(2)12=CERCLA 302.4 02=MASS RTK 23=TSCA Sect 6 03=NTP Carcinogen 13=MN RTK 04=CA Prop 65-Carcin 14=ACGIH TWA 24=TSCA Sect 12(b) 25=TSCA Sect 8(a) 05=CA Prop 65-Repro Tox 15=ACGIH STEL 26=TSCA Sect 8(d) 27=TSCA Sect 4(a) 06=IARC Group 116=ACGIH Calc TLV07=IARC Group 2A17=OSHA PEL 07=IARC Group 2A 28=Canadian WHMIS 18=DOT Marine Pollutant 29=OSHA CEILING 19=Chevron TWA SARA 302/304 30=Chevron STEL JU=PA RTK 20=EPA Carcinogen The following components of this material are found on the regulatory lists indicated. ZINC ALKARYL DITHIOPHOSPHATE is found on lists: 01,11, SEVERELY REFINED PETROLEUM DISTILLATE is found on lists: 14,15,17, EU RISK AND SAFETY LABEL PHRASES: 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 New Jersey Right-To-Know trade secret registry number 01154100-5031P New Jersey Right-To-Know trade secret registry number 01154100-5063P New Jersey Right-To-Know trade secret registry number 01154100-5024P WHMIS CLASSIFICATION: This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

PAGE

7

16. OTHER INFORMATION

... PA RATINGS: Health 1; Flammability 1; Reactivity 0;

file:///CI/My Documents/Master MSDS Folder/Chevron HDAX Low Ash Gas Engine.txt (6 of 7) [8/1/2000 12:08:19 PM]

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PAGE

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file:///Cl/My Documents/Master MSDS Folder, on HDAX Low Ash Gas Engine.txt

1

HMIS RATINGS: Health 1; Flammability 1; Reactivity 0; (Ó-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 ublished evaluations prepared by the National Fire Protection pociation (NFFA) or the National Paint and Coating Association (or HMIS ratings).

REVISION STATEMENT: This revision was updated to address: Section 1 (Name change).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:TLV - Threshold Limit ValueTWA - Time Weighted AverageSTEL - Short-term Exposure LimitTPQ - Threshold Planning QuantityRQ - Reportable QuantityPEL - Permissible Exposure LimitC - Ceiling LimitCAS - Chemical Abstract Service NumberA1-5 - Appendix A Categories() - Change Has Been ProposedNDA - No Data AvailableNA - Not Applicable

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (2400.1) 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 idition that the person receiving it shall make his own determination or the suitability of the material for his particular purpose.

THIS IS THE LAST PAGE OF THIS MSDS

file:///CI/My Documents/Master MSDS Folder/Chevron HDAX Low Ash Gas Engine.txt (7 of 7) [8/1/2000 12:06:19 PM]

| District II
District II
1301 W. Grand Avenue, Artesia, NM 88240State of New
Energy Minerals and N
Oil Conservation
1200 Rio Brazos Road, Aztec, NM 87410District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505Oil Conservation
Santa Fe, NM
87505 | atural Resources
atural Resou |
|---|--|
| REQUEST FOR APPROVAL TO | ACCEPT SOLID WASTE |
| 1. RCRA Exempt: 🔀 Non-Exempt: 🔲 | CHAR Generator: Burlington Resources |
| Verbal Approval Received: Yes 🗍 No 🔀 | 5. Originating Site: Ute SWD #1 |
| 2. Management Facility Destination: Envirotech Soil Remediation
Landfarm #2 | Facility, 6. Transporter: Riley |
| 3. Address of Facility Operator: 5796 U.S. Highway 64, Farming 87401 | on, NM 8. State: New Mexico |
| 7. Location of Material (Street Address or ULSTR) "M", Sec 11, T32
R14W, San Juan County | 2N, Project #92115-011 |
| 9. <u>Circle One</u>: A. All requests for approval to accept oilfield exempt wastes will be ac one certificate per job. B. All requests for approval to accept non-exempt wastes must be accomaterial is not-hazardous and the Generator's certification of origin approved All transporters must certify the wastes delivered are only those consistence. | mpanied by necessary chemical analysis to PROVE the
No waste classified hazardous by listing or testing will be |
| DIFE DESCRIPTION OF MATERIAL. | |

BRIEF DESCRIPTION OF MATERIAL

BS&W tank bottoms from water storage tanks generated by periodic cleaning.

*H₂S in tank bottoms is being neutralized prior to transport by Biox Inc. Envirotech personnel unloading at blending facility will be equipped with personal H₂S monitors.

CWS and notification to Utes attached.

(This space for State Use)

APPROVED BY

APPROVED BY

| Estimated Volume 240bbls cy | Known Volume (to be entered by the operator at the end of the haul) | |
|-----------------------------|---|--|
| | | |

toin

acks TITLE: Landfarm Manager una NOGK DATE: December 2, 2003 SIGNATURE Waste Management Facility Authorized Agent TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

TITLE:

TITLE: Enviro/Engl

191

15-16615

cy

DATE:

DATE



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

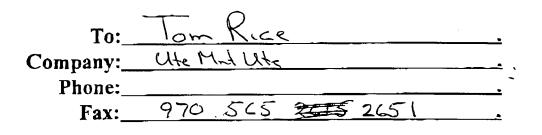
BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

CERTIFICATE OF WASTE STATUS

| | 1. Generator Name and Address | 2. Destination Name: |
|---------------------|---|--|
| | Burlington Resources | Envirotech Inc. Soil Remediation Facility |
| | 3401 E. 30 th St. | Landfarm #2 |
| | Farmington, New Mexico 87499 | Hilltop, New Mexico |
| - | 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR): |
| | Ute SWD #1
attach list of originating sites as appropriate | Unit Letter M, Sec 11, T32N, R14W, San Juan County |
| | 4. Source and Description of Waste | |
| | Ute SWD BS&W tank bottoms from water s | storage tanks generated by periodic cleaning. |
| | H ₂ S neutralized by Biox Inc. prior to transpo | |
| I, | Ed Hasely | representative for : |
| | Print Name | |
| | Burlington Resources | do hereby certify that, according to the |
| Resource
above d | ce Conservation and Recovery Act (RCRA) and Enviro
lescribed waste is: (Check appropriate classification) | onmental Protection Agency's July, 1988, regulatory determination, the |
| <u>X</u> | EXEMPT oilfield wasteNON
analy | N-EXEMPT oilfield waste which is non-hazardous by characteristic ysis or by product identification |
| and the | t nothing has been added to the exempt or non-exempt | non –hazardous waste defined above. |
| For NO | N-EXEMPT waste the following documentation is atta
MSDS Information
RCRA Hazardous Waste Analysis
Chain of Custody | tached (check appropriate items):
Other (description |
| | aste is in compliance with Regulated Levels of Natur
3.1 subpart 1403.C and D. | rally Occurring Radioactive Material (NORM) pursuant to 20 |
| Name (| Original Signature): 27 Hasely | |
| Title: | Environmental Specialist | |
| Phone] | Number: (505) 326-9841 | |
| Date: | 12/01/03 | |

Burlington Resources

Facsimile Cover Sheet Environmental, Health & Safety Department



| From: | Ed Hasely |
|----------|--------------------------------|
| Company: | Burlington Resources Oil & Gas |
| Phone: | (505) 326-9841 |
| Fax: | (505) 599-4005 |

Date: 12/2/03

Pages (Including Cover Page): _____.

Comments: Car AHa BR alish Ute Swo #γ Hilltop Please New Mex 9,0



UTE MOUNTAIN UTE TRIBE

P.O. Box 248 Towaoc, Colorado 81334-0248 (970) 565-3751

Morris D. Young 5796 U.S. Highway 64 Farmington, NM 87401

Dec. 2, 2003

Dear Mr. Young,

The Ute Mountain Ute Tribe Environmental Department has reviewed the information supplied by Burlington Resources. We concur that the waste is exempt from RCRA rules and approve the plan to transport the material to the Envirotech Soil Remediation Facility.

Sincerely

Tom Rice

Cc: Burlington Resources

| District II
1301 W. Grand Avenue, Artesia, NM 88210 NOV 2 5 2003
District III
1000 Rio Brazos Road, Aztec, NM 8710
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Santa Fe, NM 87505 | |
|--|--|
| REQUEST FOR APPROVAL TO ACCE | PT SOLID WASTE |
| 1. RCRA Exempt: 🔲 Non-Exempt: 🔀 | 4: Generator: Sunland Construction |
| Verbal Approval Received: Yes 🗌 No 🛛 | 5. Originating Site: Pipeline ROW |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Sunland Construction |
| 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) Pipeline road bore 5 miles from intersection of CR 222 and 510 in La Plata County | Project #02022-003 |
| A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for trans RIEF DESCRIPTION OF MATERIAL: | necessary chemical analysis to PROVE the
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| one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: Soil contaminated with transmission fluid generated when the hose on a r | necessary chemical analysis to PROVE the
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BRIEF DESCRIPTION OF MATERIAL:
Soil contaminated with transmission fluid generated when the hose on a r
CWS, MSDS, and notification to CDPHE attached. | necessary chemical analysis to PROVE the
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| one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by material is not-hazardous and the Generator's certification of origin. No waste c approved All transporters must certify the wastes delivered are only those consigned for trans BRIEF DESCRIPTION OF MATERIAL: Soil contaminated with transmission fluid generated when the hose on a r CWS, MSDS, and notification to CDPHE attached. | necessary chemical analysis to PROVE the
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BRIEF DESCRIPTION OF MATERIAL:
Soil contaminated with transmission fluid generated when the hose on a r
CWS, MSDS, and notification to CDPHE attached.
Estimated Volume <u>30 sand bags</u> cy Known Volume (to be entered by the operator at
UGNATURE MAANL RAAMS | necessary chemical analysis to PROVE the
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Known Volume (to be entered by the operator at
UGNATURE Management Facility Authorized Agent
TITLE: Landfarm Mar | necessary chemical analysis to PROVE the
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oad-boring machine broke. |

| State of New Mexico | |
|---------------------------------|------|
| Energy Minerals and Natural Res | ouré |

Form C-138 Revised March 17, 1999

> Submit Original Plus 1 Copy to Appropriate District Office

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

| 1. RCRA Exempt: 🗌 Non-Exempt: 🔀 | 4 Generator: Sunland Construction |
|---|--------------------------------------|
| Verbal Approval Received: Yes No 🔀 | 5. Originating Site: Pipeline ROW |
| 2. Management Facility Destination: Envirotech Soil Remediation Facility,
Landfarm #2 | 6. Transporter: Sunland Construction |
| 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) Pipeline road bore 5 miles from intersection of CR 222 and 510 in La Plata County | Project #02022-003 |

9. <u>Circle One</u>:

District I

District II

District III

District IV

1625 N. French Dr., Hobbs, NM 88240

1301 W. Grand Avenue, Artesia, NM 88210

1220 S. St. Francis Dr., Santa Fe, NM 87505

1000 Rio Brazos Road, Aztec, NM 87410

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 contaminated with transmission fluid generated when the hose on a road-boring machine broke.

CWS, MSDS, and notification to CDPHE attached.

Estimated Volume 30 sand bags cy

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

_____cy

SIGNATURE nANIL Waste Management Facility Authorized Agent

TITLE:Landfarm ManagerDATE:November 20, 2003

TYPE OR PRINT NAME: Landrea Jackson TELEPHONE NO: (505) 632-0615

(This space for State Use TITLE: Enviro/Engr DATE: APPROVED BY: DATE APPROVED BY FITLE

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| NATURAL R | ENERGY, MINERALS and
RESOURCES DEPARTMENT |
|--|--|
| | ET BICZO |
| BILL RICHARDSON | Nou Lori Wrotenbery |
| Сочетост
Јодпъя Ргикор | Director
Director
Di Conservation Division |
| Cablact Secretary | |
| CERTIFICAT | TE OF WASTE STATUS |
| 1. Generator Name and Address | 2. Destination Name |
| SUNLAND CONSTRUCTION | Envirotech Inc. Soil Remediation Facility |
| BIGNE ATTEL BLUD | Landfarm #2 |
| AZTEC NM 87410 | Hilltop, New Mexico |
| 3. Originating Site (name): | Location of the Waste (Street address &/or ULSTR); |
| LAPLATA, CO. | INTURSECTION OF CR 222 AND SIO IN |
| attach list of originating sites as appropriate | |
| 4. Source and Description of Waste | |
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| SOIL CONTAMINATED WITH TH
HOSE ON ROAD BORE MACHINE | RANSMISSION FLUID GENERATED WHEN
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BROKE,
representative for: |
| SOIL CONTAMINATED WITH TO
HOSE ON ROAD BORE MACHINE O
RICHARD J LOMBARDO
Print Name
SUDI AND CONSTRUCTION | representative for : |
| SOIL CONTAMINATED WITH TH
HOSE ON ROAD BORE MACHINE
RICHARD J LOMBARDO
Print Name
SUNLAND CONSTRUCTION
Onservation and Recovery Act (RCRA) and Environmental | BROKE, |
| SOIL CONTAMINATED WITH TH
HOSE ON ROAD BORE MACHINE
RICHARD J LOMBARDO
Print Name
SUNLAND CONSTRUCTION
onservation and Recovery Act (RCRA) and Environmental
escribed waste is: (Check appropriate classification) | do hereby certify that, according to the Resource
I Protection Agency's July, 1988, regulatory determination, the above |
| SOIL CONTAMINATED WITH TH
HOSE ON ROAD BORE MACHINE
RICHARD J LOMBARDO
Print Name
SUNIAND CONSTRUCTION
onservation and Recovery Act (RCRA) and Environmental
escribed waste is: (Check appropriate classification)
EXEMPT oilfield waste | representative for : |
| SOIL CONTAMINATED WITH TH
HOSE ON ROAD BORE MACHINE
RICHARD J LOMBARDO
Print Name
SUNIAND CONSTRUCTION
Conservation and Recovery Act (RCRA) and Environmental
escribed waste is: (Check appropriate classification)
EXEMPT oilfield waste | BROKE,
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MSDS Information
RCRA Hazardous Waste Analysis | BROKE,
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MSDS Information
RCRA Hazardous Waste Analysis
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Chain of Custody
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or NON-EXEMPT waste the following documentation is a
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Chain of Custody
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or NON-EXEMPT waste the following documentation is a
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Chain of Custody
bis waste is in compliance with Regulated Levels of Nature
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RCRA Hazardous Waste Analysis
Chain of Custody
bis waste is in compliance with Regulated Levels of Nature
MAC 3.1 subpart 1403.C and D.
ame (Original Signature): | BROKE,
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| Èquiva Servi | ices - MSDS | Page 1 or |
|---|--|--|
| | AFETY DATA SHEET
Date: 06/18/2003 | 3 |
| SECTION 1 | PRODUCT AND COMPA | |
| MODS NUMBE | FormulaShell* ATF Merco
R: 60486E - 0
DE(S): 53010 | Derion III-DONAX TG |
| MANUFACTUR | ER ADDRESS:SOPUS Produc | ts, P.O. Box 4453, Houston, TX. 77210-4453 |
| Health Inf | NUMBERS
prmation: (977) 242-7400
(ormation: 1877) 504-935
(tance Number: (877) 27 | 1 |
| SECTION 2 | PRODUCT/INGREDIEN | ······································ |
| | | *************************************** |
| CAS# | CONCENTRATION | INGREDIENTS
Automatic Transmission Fluid |
| Mixture
Mixture | 90 - 98.99 Aweight
1 - 4.99 Aweight | Highly refined petroleum oils |
| SECTION 3 | HAZARDS IDENTIFIC | ATION |
| Health Hazi
Physical Ha
NFPA Rating | & Odor: Red oil. Sligh
ards: No known immediat
azards: No known physic
g (Health, Fire, Reacti-
ing:Least - 0 Sligh
4 | e health hazards.
al hazards. |
| In applicat
mixing or a | tions where vapors (cau: | sed by high temperature) or mists (caused by
breathing may cause a mild burning sensation |
| Eya Irritat | | nsidered no more than minimally irritating to |
| Lubricating
the eyes. | | |

| | | Canyon State 011 | 2003 |
|--|---|---|--|
| Equiva Services - MS | SDS | | Раде 2 от у |
| skin contact. | | | |
| Ingestion:
Generally conside | ared to have a lo | w order of acute oral toxicity. | |
| Signs and Symptom
Irritation as not | ad above. | | |
| Aggravated Medica
Pre-existing eye,
to this product. | l conditions:
skin and respir | atory disorders may be aggravated | by exposure |
| For additional he | alch information | , refer to section 11. | |
| SECTION 4 P | | S | |
| Inhalation:
Remove victim to
medical attention | fresh air and pr | ovide oxygen if breathing is diffi | cult. Get |
| with water, then
attention. Do no | wash with scap
of reuse clothing
occur, transport | shoes and wipe excess from skin.
and water. If irritation occurs,
until cleaned. If redness, swa
to the nearest medical facility fo | get medical
lling, pain |
| Eye;
Flush with water. | If irritation | occurs, get medical attention. | |
| | | | |
| quantities of provictim rinse mout | duct are ingeste
th out with water | al, no treatment is necessary unlead. However, get medical attention
, then drink sips of water to remo
pontaneously, keep head below hips | , Have
ve taste |
| Do not induce vom
quantities of pro
victim rinse mout
from mouth. If w
aspiration. | oduct are ingeste
th out with water
comiting occurs s
i:
is induction is u | d. However, get medical attention
, then drink sips of water to remo-
pontaneously, keep head below hips
nnecessary in high viscosity, low | , Have
ve taste
to prevent |
| Do not induce vom
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Note to Physician
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SECTION 5 | oduct are ingeste
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FIRE FIGHTING MEA | d. However, get medical attention
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SECTION 5
Flash Point [Meth
Extinguishing Meth
Material will flo
'alcohol foam', o | boduct are ingeste
th out with water
yomiting occurs s
is induction is u
cils and greases
FIRE FIGHTING MEA
 | d. However, get medical attention
, then drink sips of water to remo-
pontaneously, keep head below hips
innecessary in high viscosity, low
SURES
/>187.78 °C [Cleveland Open Cup]
e-ignited on surface of water. Use
arbon dioxide (CO2) to extinguish | <pre>Nave ve taste to prevent volatility</pre> |

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エエア 20233423.2 11/00/03 09:20 FAA 602 266 SUNLAND CUNSTRUCTION Carson State ATT PAGE Page 3 of 9 Èquiva Services - MSDS without full bunker gear (heimet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus. SECTION 6 ACCIDENTAL RELEASE MEASURES Protective Measures: May burn although not readily ignitable. Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8. spill Management: FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels. FOR SMALL SPILLS: Sock up residue with an absorbent such as clay, sand or other suitable material. Flace in non-leaking container and seal tightly for proper disposal. Reporting: CERCLA: Product is covered by EPA's Comprehensive Bavironmental Response, Compensation and Ligbility Act (CERCLA) petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA (Superfund). CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802. SECTION 7 HANDLING AND STORAGE Procautionary Measures: Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Ground all handling equipment to prevent sparking. Storage: Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperatures. Container Warnings: Keep containers closed when not in use. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

05

11/17/2003 23:185053342975 11/08/03 09:20 FAX 802 269 SUNLAND CUNSTRUCTION PAGE wit Page 4 or 9 Equiva Services - MSDS cil mist, mineral ACGIH TLV TWA: 5 mg/m3 STEL: 10 mg/m3 Oil mist, mineral OSHA PEL TWA: 5 mg/m3 EXPOSURE CONTROLS Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Eye washes and showers for emergency use. PERSONAL PROTECTION Personal protective equipment (PPE) selections vary based on potential exposure conditions such as handling practices, concentration and ventilation. Information on the selection of eye, skin and respiratory protection for use with this material is provided below. Eys Protection: Chemical Goggles, or Safety glasses with side shields Skin Protection: Use protective clothing which is chemically resistant to this material. Selection of protective clothing depends on potential exposure conditions and may include gloves, boots, suits and other items. The selection(s) should take into account such factors as job task, type of exposure and durability requirements. Published Literature, test data and/or glove and clothing manufacturers indicate the best protection is provided by: Neoprene, or Nitrile Rubber Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134. Types of respirator(s) to be considered in the selection process include: For Mist: Air Purifying, R or P style NIOSH approved respirator. For Vapors: Air Purifying, R or P style prefilter & organic cartridge, NIOSH approved respirator. Self-contained breathing apparatus for use in environments with unknown concentrations or emergency situations. PHYSICAL AND CHEMICAL PROPERTIES SECTION 9 Appearance & Odor: Red Oll. Slight Hydrocarbon Odor. Substance Chemical Family: Lubricants Appearance: Red oil. Flash Point: > 370 °F [Cleveland Open cup] Slight Hydrocarbon Odor. Odor: Pour Foint: -45 °F - -50 °F Specific Gravity: 0.86 - 0.87 Viscosity: 30 cSt - 40 cSt @ 40 °C

06

| Equiva Services - MSUSS Page 3 or > Equiva Services - MSUSS Page 3 or > Exercises 1 = Page 3 or > E | Faulta Services - MSUS | Canyon State 011 | 000 | |
|--|--|---|---------------|-----|
| SECTION 10 REACTIVITY AND STABILITY Stability: Material is stable under normal conditions. Conditions to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial to Avoid: Avoid contact with strong exidizing agents. Waterial decomposition. Products are highly dependent on combustion conditions. A complement of airborns solids, liquids and gases will evolve when this material undergone products are highly dependent on combustion conditions. Acomplement Divide, Katenes and other unidentified organic compounds may be formed upon combustion. Section 11 TOXICOLOGICAL INFORMATION Acoust Toxing (1) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Oral DDD >5.0 g/kg(Rat) OSEA: Non-Toxic Based an components(s) Section 12 Ecological INFORMATION Section 13 Elsecal INFORMATION Section 14 Ecological Act available for this product. However, this product is an ci. I to paraistent and does not readily biod | Eduive Services - MOISS | i-a | ige 5 or y | |
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and other Unidentified organic compounds may be formed upon combustion.
Section 11 TOXICOLOGICAL INFORMATION:
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NTE: No IANC: Not Reviewed AcolE: No OSHA: No | | | | |
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material undergoes pyrolysis or combustion. Aldehydes, Carbon Monoxide.
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and other unidentified organic compounds may be formed upon combustion.
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Acute foxicity
Desmal DD50 >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)
Oral DD50 >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)
Carcinogenicity Classification
Automatic framanission Fluid
NTP: No IARC: Not Reviewed ACOIE: No OSHA: No
SECTION 12 EcologICAL INFORMATION
Environmental Impact Supmary:
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RCRA information:
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Oral LOSO >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)
Carcinogenicity Classification
Automatic Transmission Fluid
NTP: No IARC: Not Reviewed ACOIN: No OSMA: No
SECTION 12 ECOLOGICAL INFORMATION
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SECOLOGIC | Avoid heat and open flames. | | | |
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A complex mixture of airborne solids, liquids and gases will evolve when this
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Oral DD50 >5.0 g/kg(Rat) OSHA: Non-Toxic Based on components(s)
Carcinogenicity Classification
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Equiva Services - MSDS

US Department of Transportation Classification This meterial is not subject to DOT regulations under 49 CFR Parts 171-180. Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule. International Air Transport Association Not regulated under IATA rules. International Maritime Organization Classification Not regulated under International Maritime Organization rules. REGULATORY INFORMATION SECTION 15 FEDERAL REGULATORY STATUS OSHA classification: Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Ozone Depleting Substances (40 CFR B2 Clean Air Act); This material does not contain nor was it directly manufactured with any Class I or Class II orone deploting substances. Superfund Amendment & Reauthorization Act (SARA) Title III: There are no components in this product on the SARA 302 list. SARA Hazard Categories (311/312): Immediate Health:NO Delayed Health:NO Fire:NO Pressure:NO Reactivity:NO SARA Toxic Release Inventory (TRI) (313): There are no components in this product on the SARA 313 list. Toxic Substances Control Act (TSCR) Status: All component(s) of this material is(are) listed on the EPA/TSCA Inventory of Chemical Substances. Other Chemical Inventories: Component(a) of this material is (are) listed on the Australian AICS, Canadian DEL, European EINECS, State Regulation The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate sgency in your state.

| Equiva Services - | · MSDS | | rage / or |
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| SECTION 16 | OTHER INFORMATION | | |
| Revision#: 0
Revision Date: | | sion): This Material Safety | Data Sharp |
| (MSDS) has bee
the ANSI MSDS | n newly reviewed to fu
standard (ANSI 2400.1- | ully comply with the guidance
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view the information contain | ce contained in the the |
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| SECTION 17 | LABEL INFORMATION | | |
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kin Contact: | t medical attention. | lothing and shoes and wipe | • |

skin. Flush skin with water, then Wash with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.

Bye Contact: Flush with water. If irritation occurs, get medical attention. Ingestion: Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Have victim rinse mouth out with water, then drink sips of water to remove tasts from mouth.

FIRE

Equiva Services - MSDS

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In case of fire, Use water fog, 'alcohol foam', dry chemical or carbon dioxide (CO2) to extinguish flames. Do not use a direct stream of water. Material will float and can be re-ignited on surface of water.

SPILL OR LEAK Dike and contain spill. FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.

FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other auitable material. Place in non-leaking container and seal tightly for proper disposal.

CONTAINS: Highly refined petroleum oils, Mixture; Proprietary additives, Mixture

NFPA Rating (Health, Fire, Reactivity); 6, 1, 0

TRANSPORTATION US Department of Transportation Classification This material is not subject to DOT regulations under 49 CFR Parts 171-180.

Oil: This product is an oil under 49CFR (DOT) Fort 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also be subject to this rule.

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 flames or heat. Keep container closed and drum bungs in place.

Name and Address

SOPUS Products P.O. Box 4453 Houston, TX 77210-4453

ADMINISTRATIVE INFORMATION MANUFACTURER ADDRESS: SOPUS Products, P.O. Box 4453, Houston, TX. 77210-4453 Company Product Stewardship & Regulatory Compliance Contact: Timothy W Childs Phone Number: (281) 874-7708

THE INFORMATION CONTAINED IN THIS DATA SHEET IS BASED ON THE DATA AVAILABLE TO US AT THIS TIME, AND IS BELIEVED TO BE ACCURATE BASED UPON THAT : IT IS PROVIDED INDEPENDENTLY OF ANY SALE OF THE FRODUCT, FOR PURPOSE OF HAZARD COMMUNICATION. IT IS NOT INTENDED TO CONSTITUTE PRODUCT PERFORMANCE INFORMATION, AND NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND IS MADE WITH RESPECT TO THE PRODUCT, UNDERLYING DATA OR THE INFORMATION CONTAINED HEREIN. YOU ARE URGED TO OBTAIN DATA SHEETS FOR ALL PRODUCTS YOU BUY, PROCESS, USE OR DISTRIBUTE, AND ARE ENCOURAGED TO ADVISE THOSE WHO MAY COME IN CONTACT WITH SUCH PRODUCTS OF THE INFORMATION CONTAINED HEREIN.

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acsimile transmittal

| To: | DONNA STONER | Fax: | 970-248-7168 | |
|--------|----------------------|----------------|----------------|---------------|
| From: | SUNLAND CONSTRUCTION | ON Date: | 11/19/03 | |
| Re: | SPILL NOTICE | Pages: | 2 | · |
| CC: | | | ······ | |
| 🗋 Urge | nt 🗹 For Review 🛛 | Please Comment | 🗌 Please Reply | Please Recycl |

TOST COLOFF THE PHONE WITH LANY WITH ENVIROTECH ABOUT SOME CONTAMINATED SOIL THAT WE ARE GOING TO TAKE TO THEIR LANDFARM HERE IN NEW MEXICO. SHE WANTED ME TO DROP YOU A LINE TO MAKE YOU AWARE OF WHAT WE WERE DOING. THE CONTAMINATED SOIL THAT WE ARE SENDING TO HER CAME FROM A ROAD BORE MACHINE OPERATED BY KELLY CABLE OUT OF ALBUQUERQUE, NM. A TRANSMISSION LINE BROKE WHILE PERFORMING A ROAD BORE ON CR 510 APPROX. 5 MILES FROM THE INTERSECTION OF CR 222 AND 510. THE SPILL WAS CLEANED UP UNDER THE SUPERVISION OF SUNLAND AND BP AMOCO REPS. AND AS I MENTIONED ABOVE WILL BE TAKEN TO ENVIROTECHS LAND FARM. (APPROX. 30 SAND BAGS WORTH OF CONTAMINATED SOIL). IF YOU HAVE ANY QUESTIONS PLEASE FEEL FREE TO CONTACT ME.

THANKS,

STONER,

RICH LOMBARDO 505-334-4350